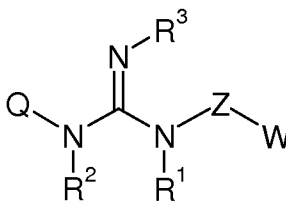


**AMENDMENTS TO THE CLAIMS**

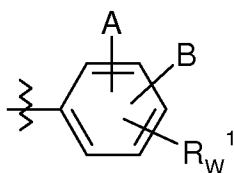
1. (Currently Amended) ~~A Guanine-guanidine~~ compound of the ~~general~~ formula **I**

**I**

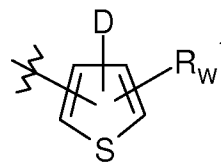
corresponding enantiomeric, diastereomeric and/or tautomeric forms thereof, as well as pharmaceutically acceptable salts thereof, wherein the given moieties have the following definitions:

**W:**

a moiety of the ~~general~~ formula **W1** or **W2**

**W1**

or

**W2**

wherein

**A:**

NO<sub>2</sub>, NH<sub>2</sub>, OH, CN, CF<sub>3</sub>, OCF<sub>3</sub>, CHF<sub>2</sub>, OCHF<sub>2</sub>, COOH, O-CH<sub>2</sub>-COOH, halogen, SH, or

each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-heterocyclo-alkyl, aryl, hetaryl, heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-~~hetaryl~~-~~hetaryl~~ or C<sub>1</sub>-C<sub>4</sub>-alkylene- aryl, or

O-R<sub>A</sub><sup>1</sup>, CO-R<sub>A</sub><sup>1</sup>, S-R<sub>A</sub><sup>1</sup>, SO-R<sub>A</sub><sup>1</sup>, CO-O-R<sub>A</sub><sup>1</sup>, NR<sub>A</sub><sup>4</sup>-CO-O-R<sub>A</sub><sup>1</sup>, O-CH<sub>2</sub>-COO-R<sub>A</sub><sup>1</sup>, NR<sub>A</sub><sup>2</sup>R<sub>A</sub><sup>3</sup>, CONH<sub>2</sub>, SO<sub>2</sub>NH<sub>2</sub>, NR<sub>A</sub><sup>4</sup>-CO-R<sub>A</sub><sup>1</sup>, SO<sub>2</sub>-R<sub>A</sub><sup>1</sup>, NR<sub>A</sub><sup>4</sup>-SO<sub>2</sub>-R<sub>A</sub><sup>1</sup>, SO<sub>2</sub>-NR<sub>A</sub><sup>2</sup>R<sub>A</sub><sup>3</sup> or CO-NR<sub>A</sub><sup>2</sup>R<sub>A</sub><sup>3</sup>;

**R<sub>A</sub><sup>1</sup>:**

each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-heterocyclo-alkyl, aryl, hetaryl, heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, C<sub>2</sub>-C<sub>6</sub>-alkenylene-aryl or C<sub>1</sub>-C<sub>6</sub>-alkylene-hetaryl;

**R<sub>A</sub><sup>2</sup>:**

hydrogen, OH, CN, or

each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-aryl, CO-hetaryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-O-aryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-O-hetaryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl or SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl;

**R<sub>A</sub><sup>3</sup>:**

each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-aryl, CO-hetaryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-O-aryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-O-hetaryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl or SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl ;

or the the moieties **R<sub>A</sub><sup>2</sup>** and **R<sub>A</sub><sup>3</sup>** form, together with the nitrogen, a 3 to 7-membered, optionally substituted, saturated or aromatic heterocycle which can contain one, two or three different or same heteroatoms from the group O, N, S; wherein optionally two moieties substituted on this heterocycle can together form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or same heteroatoms O, N, S, and wherein the cycle

formed can optionally be substituted or a further, optionally substituted cycle can be condensed onto this cycle;

**R<sub>A</sub><sup>4</sup>:**

hydrogen or

each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>3</sub>-C<sub>12</sub>-alkynyl, CO-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, aryl, C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-O-arylalkyl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-aryl, SO<sub>2</sub>-aryl, hetaryl, CO-hetaryl or SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl;

**B:**

hydrogen or as moiety **A** is defined,

or each independently of one another, two of the moieties **A**, **B** or **R<sub>w</sub><sup>1</sup>** form, together with a 3 to 7-membered, optionally substituted, saturated or unsaturated carbocycle or an optionally substituted, saturated or unsaturated or aromatic heterocycle which can contain one, two or three further different or same heteroatoms from the group O, N, S; wherein optionally two of the moieties substituted on this carbo- or heterocycle can together form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or same heteroatoms O, N, S, and wherein the cycle formed can optionally be substituted or a further, optionally substituted cycle can be condensed onto this cycle;

**R<sub>w</sub><sup>1</sup>:**

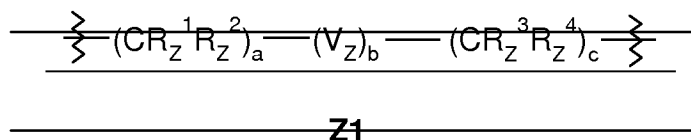
hydrogen, OH, halogen, NO<sub>2</sub>, NH<sub>2</sub>, CN, CF<sub>3</sub>, CHF<sub>2</sub>, O-CF<sub>3</sub>, O-CHF<sub>2</sub>, or each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-thioalkyl, aryl, hetaryl, O-C<sub>1</sub>-C<sub>6</sub>-alkyl, O-aryl, O-benzyl, C<sub>1</sub>-C<sub>6</sub>-alkylamino, C<sub>1</sub>-C<sub>6</sub>-dialkylamino, pyrrolidinyl, piperidinyl, morpholinyl, CO-C<sub>1</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-aryl, SO<sub>2</sub>-aryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, SO-aryl, CONH<sub>2</sub>, CONH-C<sub>1</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>NH-C<sub>1</sub>-C<sub>6</sub>-alkyl, CON-(C<sub>1</sub>-C<sub>6</sub>-alkyl)<sub>2</sub>, SO<sub>2</sub>N-(C<sub>1</sub>-C<sub>6</sub>-alkyl)<sub>2</sub>, NH-SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-alkyl or NH-CO-C<sub>1</sub>-C<sub>6</sub>-alkyl;

**D:**

as moiety **A** is defined;

**Z:**

~~each optionally substituted C<sub>1-4</sub>-alkylene or C<sub>1-4</sub>-alkyleneoxy; a moiety of the general formula Z1~~

~~with the indices~~

---

---

$b = 0, 1$

---

c = 0.4

~~wherein the sum of a, b and c is at least 1 and no more than 5;~~

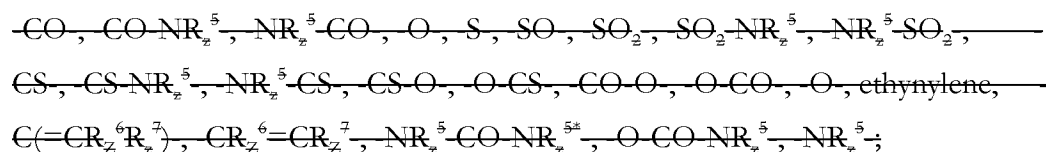
 ~~$\mathbf{R}_z^1, \mathbf{R}_z^2, \mathbf{R}_z^3, \mathbf{R}_z^4$  independently of one another;~~

~~hydrogen, halogen, OH, or~~

~~each optionally substituted C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>4</sub>-C<sub>6</sub>-alkylene-  
C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, aryl, C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, het-aryl or C<sub>4</sub>-C<sub>4</sub>-alkylene-  
hetaryl, or~~

each independently of one another, two moieties  $\text{R}_x^1$  and  $\text{R}_x^2$  or  $\text{R}_x^3$  and  $\text{R}_x^4$  together form a 3 to 7 membered, optionally substituted, saturated or unsaturated carbo- or heterocycle, wherein the heterocycle can contain up to three heteroatoms from the group O, N or S;

$$\mathbb{V}_{\mathbb{Z}^+}$$



**R<sub>z</sub><sup>5</sup>; R<sub>z</sub><sup>5\*</sup>** independently of one another:

--- hydrogen or  
 each optionally substituted C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>4</sub>-C<sub>6</sub>-alkylene-O-C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl,  
 C<sub>3</sub>-C<sub>12</sub>-alkynyl, CO-C<sub>4</sub>-C<sub>6</sub>-alkyl, CO-O-C<sub>4</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl,  
 aryl, C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-O-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-aryl,  
 SO<sub>2</sub>-aryl, hetaryl, CO-hetaryl or SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl;

**R<sub>z</sub><sup>6</sup>; R<sub>z</sub><sup>7</sup>** independently of one another:

--- hydrogen, OH or  
 each optionally substituted C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>4</sub>-C<sub>4</sub>-alkoxy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl,  
 C<sub>4</sub>-C<sub>6</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, aryl, C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, hetaryl or  
 C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl;

**R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>** independently of one another:

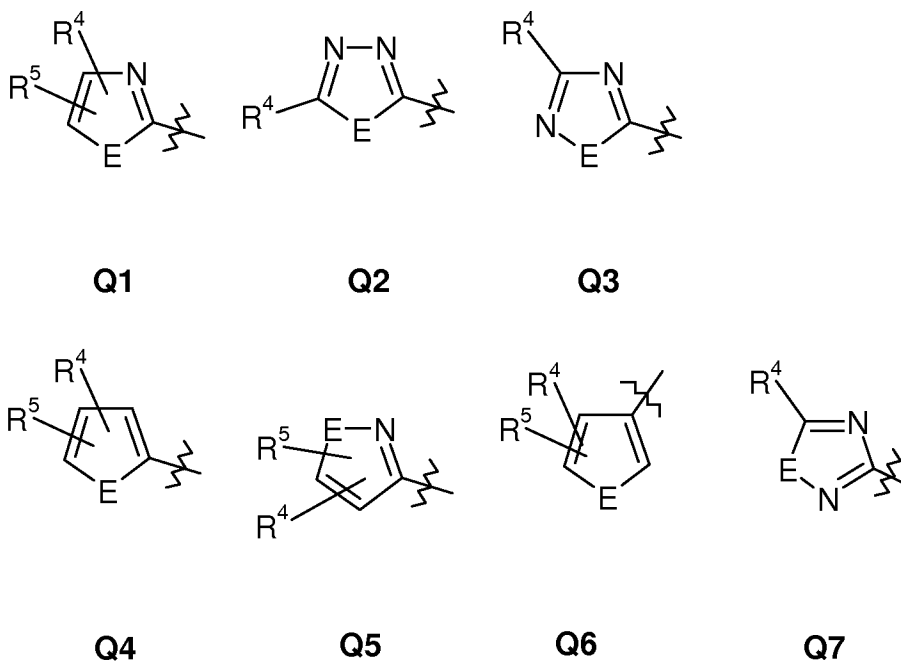
hydrogen, OH, CN, or  
 each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, O-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl,  
 C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, O-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, aryl, hetaryl, C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, C<sub>1</sub>-C<sub>4</sub>-alkylene-  
 hetaryl, O-aryl, O-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, O-hetaryl, O-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-C<sub>1</sub>-  
 C<sub>6</sub>-alkyl, CO-aryl, CO-hetaryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl,  
 CO-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-O-aryl, CO-O-hetaryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-  
 alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, OCO-C<sub>1</sub>-C<sub>6</sub>-alkyl, OCO-aryl,  
 OCO-hetaryl, OCO-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, OCO-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-  
 alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl or SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, or

each independent from the third moiety two moieties of **R<sup>1</sup>, R<sup>2</sup> or R<sup>3</sup>** together form a  
 5 to 7-membered, optionally substituted, saturated or unsaturated carbocycle or an  
 optionally substituted, saturated or unsaturated heterocycle which can contain one,  
 two or three further different or same heteroatoms from the group O, N, S, wherein

optionally two moieties substituted on this carbo- or heterocycle together can form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or same heteroatoms O, N, S, and wherein the cycle formed can be optionally substituted or a further, optionally substituted cycle can be condensed onto this cycle;

**Q:**

a doubly substituted 5-membered hetaryl moiety chosen from **Q1** to **Q7**



**E:** O, N- $R_Q^1$  or S;

**$R_Q^1$ :**

hydrogen or

each optionally substituted  $C_1$ - $C_4$ -alkyl, CO- $C_1$ - $C_4$ -alkyl,  $SO_2$ - $C_1$ - $C_4$ -alkyl, CO-O- $C_1$ - $C_4$ -alkyl, aryl,  $C_1$ - $C_4$ -alkylene-aryl, CO-aryl, CO-hetaryl,  $SO_2$ -aryl,  $SO_2$ -hetaryl, CO-O-aryl, CO- $C_1$ - $C_4$ -alkylene-aryl,  $SO_2$ - $C_1$ - $C_4$ -alkylene-aryl or CO-O- $C_1$ - $C_4$ -alkylene-aryl;

**$R^4$ ,  $R^5$**  each independently of one another a moiety chosen from the groups 1[[.]], 2[[.]], 3[[.]], 4[[.]], 5[[.]], 6[[.]] or 7[[.]]:

1[[.]] hydrogen, halogen, CN, CF<sub>3</sub>, CHF<sub>2</sub>, or  
 each optionally substituted C<sub>1</sub>-C<sub>10</sub>-alkyl, C<sub>2</sub>-C<sub>10</sub>-alkenyl, C<sub>2</sub>-C<sub>10</sub>-alkynyl, C<sub>3</sub>-C<sub>7</sub>-  
 cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, C<sub>1</sub>-C<sub>4</sub>-alkylene-  
 hetaryl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-aryl, COO-C<sub>1</sub>-C<sub>4</sub>-alkyl or C<sub>1</sub>-  
 C<sub>4</sub>-alkylene-COO-C<sub>1</sub>-C<sub>4</sub>-alkyl;

2[[.]] Phenyl or naphthyl, which are each substituted with **R<sub>Q</sub><sup>2</sup>**, **R<sub>Q</sub><sup>3</sup>** and **R<sub>Q</sub><sup>4</sup>**, wherein

**R<sub>Q</sub><sup>2</sup>**, **R<sub>Q</sub><sup>3</sup>** and **R<sub>Q</sub><sup>4</sup>** each independently of one another represent a substituent from  
 the following group:

hydrogen, NO<sub>2</sub>, NH<sub>2</sub>, OH, CN, CF<sub>3</sub>, CHF<sub>2</sub>, OCF<sub>3</sub>, OCHF<sub>2</sub>, COOH, O-CH<sub>2</sub>-COOH,  
 SH, halogen, or

each optionally substituted aryl, hetaryl, heterocycloalkyl, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl,  
 C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-  
 heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl or C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, or  
 O-R<sub>Q</sub><sup>5</sup>, S-R<sub>Q</sub><sup>5</sup>, NR<sub>Q</sub><sup>7</sup>R<sub>Q</sub><sup>8</sup>, CO-OR<sub>Q</sub><sup>6</sup>, NR<sub>Q</sub><sup>8</sup>-CO-O-R<sub>Q</sub><sup>6</sup>, O-CH<sub>2</sub>-COO-R<sub>Q</sub><sup>6</sup>, NR<sub>Q</sub><sup>8</sup>-CO-  
 R<sub>Q</sub><sup>6</sup>, SO<sub>2</sub>-R<sub>Q</sub><sup>6</sup>, NR<sub>Q</sub><sup>8</sup>-SO<sub>2</sub>-R<sub>Q</sub><sup>6</sup>, SO<sub>2</sub>NH<sub>2</sub>, CONH<sub>2</sub>, SO<sub>2</sub>-NR<sub>Q</sub><sup>7</sup>R<sub>Q</sub><sup>8</sup> or CO-NR<sub>Q</sub><sup>7</sup>R<sub>Q</sub><sup>8</sup>, or

two of the moieties **R<sub>Q</sub><sup>2</sup>**, **R<sub>Q</sub><sup>3</sup>** or **R<sub>Q</sub><sup>4</sup>** together form a 3 to 7-membered, optionally  
 substituted, saturated, unsaturated or aromatic carbocycle or a an optionally  
 substituted, saturated, unsaturated aromatic heterocycle which can contain up to  
 three further different or same heteroatoms O, N, S and optionally two of the  
 moieties substituted on this heterocycle can together form an anellated, saturated,  
 unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can  
 contain up to three different or same heteroatoms O, N, S and the cycle formed can  
 be optionally substituted or a further, optionally substituted cycle can be condensed  
 onto this cycle;

**R<sub>Q</sub><sup>5</sup>** each optionally substituted C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-heterocycloalkyl, heterocycloalkyl or hetaryl, or C<sub>1</sub>-C<sub>6</sub>-alkyl, which is optionally substituted with a substituent from the group consisting of halogen, NO<sub>2</sub>, NH<sub>2</sub>, OH, CN, CF<sub>3</sub>, CHF<sub>2</sub>, OCF<sub>3</sub>, OCHF<sub>2</sub>, NH-(C<sub>1</sub>-C<sub>6</sub>-alkyl) and N(C<sub>1</sub>-C<sub>6</sub>-alkyl)<sub>2</sub>;

**R<sub>Q</sub><sup>6</sup>** each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl or C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl;

**R<sub>Q</sub><sup>7</sup>** hydrogen, OH, CN, or  
each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-aryl, CO-hetaryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-O-aryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-O-hetaryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl or SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl;

**R<sub>Q</sub><sup>8</sup>** hydrogen or  
each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-aryl, CO-hetaryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-O-aryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-O-hetaryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl or SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl;

or the moieties **R<sub>Q</sub><sup>7</sup>** and **R<sub>Q</sub><sup>8</sup>**, together with the nitrogen, form a 3 to 7-membered, optionally substituted, saturated or aromatic heterocycle, which can contain one, two or three further different or same heteroatoms O, N, S;



and optionally two of the moieties substituted on this heterocycle can together form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S, and the cycle formed can optionally be substituted or a further, optionally substituted cycle can be condensed onto this cycle;

**3[[.]]**) a 5- or 6-membered hetaryl moiety optionally substituted with 1 or 2 substituents, the hetaryl moiety chosen from the group consisting of:

2-pyrrolyl, 3-pyrrolyl, 2-thiazolyl, 4-thiazolyl, 5-thiazolyl, 2-oxazolyl, 4-oxazolyl, 5-oxazolyl, 2-pyrimidyl, 4-pyrimidyl, 5-pyrimidyl, 6-pyrimidyl, 3-pyrazolyl, 4-pyrazolyl, 5-pyrazolyl, 3-isothiazolyl, 4-isothiazolyl, 5-isothiazolyl, 2-imidazolyl, 4-imidazolyl, 5-imidazolyl, 3-pyridazinyl, 4-pyridazinyl, 5-pyridazinyl, 6-pyridazinyl, 3-isoxazolyl, 4-isoxazolyl, 5-isoxazolyl, thiadiazolyl, oxadiazolyl or triazinyl or their anellated derivatives indazolyl, benzothiophenyl, benzofuranyl, indolyl, benzimidazolyl, benzthiazolyl, benzoxazolyl, chinolyl and isochinolyl; or

2-thienyl or 3-thienyl optionally substituted with one or two substituents, wherein the substituents are chosen from the group consisting of halogen, NO<sub>2</sub>, NH<sub>2</sub>, OH, CN, CF<sub>3</sub>, OCF<sub>3</sub>, CHF<sub>2</sub>, O-CHF<sub>2</sub>, C<sub>1</sub>-C<sub>6</sub>-alkyl, O-C<sub>1</sub>-C<sub>6</sub>-alkyl, NH-(C<sub>1</sub>-C<sub>6</sub>-alkyl), N(C<sub>1</sub>-C<sub>6</sub>-alkyl)<sub>2</sub>, NHCO-C<sub>1</sub>-C<sub>4</sub>-alkyl, NHSO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkyl and SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkyl;

**4[[.]]**) both moieties **R**<sup>4</sup> and **R**<sup>5</sup> together form a 4 to 7-membered, optionally substituted, saturated or unsaturated or aromatic carbocycle or a 5- or 6-membered optionally substituted, saturated or unsaturated or aromatic heterocycle, which can contain up to three further different or identical heteroatoms O, N, S; and can be substituted with up to two further moieties, wherein optionally two moieties substituted on this carbo or hetero cycle can together form an anellated, saturated, unsaturated or aromatic carbo cycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S and wherein the cycle formed can be

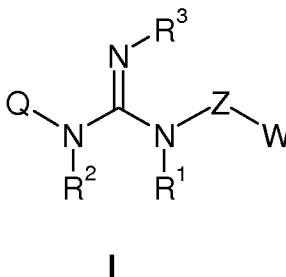
optionally substituted or a further, optionally substituted cycle can be condensed onto this cycle;

**5[[.]]**) a C<sub>5</sub>-C<sub>18</sub>- bi- or tricyclic, saturated hydrocarbon moiety;

**6[[.]]**) each optionally substituted C<sub>1</sub>-C<sub>8</sub>-Alkyl-NH<sub>2</sub>, C<sub>1</sub>-C<sub>8</sub>-Alkyl-NR<sub>Q</sub><sup>7</sup>R<sub>Q</sub><sup>8</sup>, C<sub>1</sub>-C<sub>8</sub>-Alkyl-CO-NR<sub>Q</sub><sup>7</sup>R<sub>Q</sub><sup>8</sup>, C<sub>1</sub>-C<sub>8</sub>-Alkyl-SO<sub>2</sub>NR<sub>Q</sub><sup>7</sup>R<sub>Q</sub><sup>8</sup>, C<sub>1</sub>-C<sub>8</sub>-Alkyl-CO-NH<sub>2</sub>, C<sub>1</sub>-C<sub>8</sub>-Alkyl-SO<sub>2</sub>NH<sub>2</sub>, CO-NH<sub>2</sub>, CO-NR<sub>Q</sub><sup>7</sup>R<sub>Q</sub><sup>8</sup>, SO<sub>2</sub>NH<sub>2</sub>, SO<sub>2</sub>NR<sub>Q</sub><sup>7</sup>R<sub>Q</sub><sup>8</sup>, NR<sub>Q</sub><sup>7</sup>R<sub>Q</sub><sup>8</sup>;

**7[[.]]**) a 4-7-membered ~~mono-~~monocyclic saturated heterocycle or bicyclic saturated or unsaturated heterocycle, which can contain up to two different or identical heteroatoms from the group O, N or S, wherein this cycle can also be multiply substituted. For the case that the heterocycle contains an N-atom, this can be substituted with a moiety R<sub>Q</sub><sup>7</sup>.

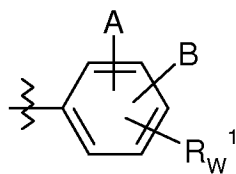
2. (Currently Amended) ~~Guanidine~~ A guanidine compound of the ~~general~~ formula **I**



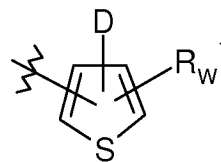
corresponding enantiomeric, diastereomeric and/or tautomeric forms thereof as well as pharmaceutically acceptable salts thereof, wherein the given moieties have the following definitions:

**W:**

a moiety of the ~~general~~ formula **W1** or **W2**

**W1**

or

**W2**

wherein

**A:**

$\text{NO}_2$ ,  $\text{NH}_2$ ,  $\text{OH}$ ,  $\text{CN}$ ,  $\text{CF}_3$ ,  $\text{OCF}_3$ ,  $\text{CHF}_2$ ,  $\text{OCHF}_2$ ,  $\text{COOH}$ ,  $\text{O-CH}_2\text{-COOH}$ , halogen,  $\text{SH}$ , or

each optionally substituted  $\text{C}_1\text{-C}_6\text{-alkyl}$ ,  $\text{C}_2\text{-C}_6\text{-alkenyl}$ ,  $\text{C}_2\text{-C}_6\text{-alkynyl}$ ,  $\text{C}_3\text{-C}_7\text{-cycloalkyl}$ ,  $\text{C}_1\text{-C}_4\text{-alkylene-C}_3\text{-C}_7\text{-cycloalkyl}$ ,  $\text{C}_1\text{-C}_4\text{-alkylene-heterocyclo-alkyl}$ , aryl, hetaryl, heterocycloalkyl,  $\text{C}_1\text{-C}_4\text{-alkylene-hetaryl}$  or  $\text{C}_1\text{-C}_4\text{-alkylene-aryl}$ , or  $\text{O-R}_A^1$ ,  $\text{CO-R}_A^1$ ,  $\text{S-R}_A^1$ ,  $\text{SO-R}_A^1$ ,  $\text{CO-O-R}_A^1$ ,  $\text{NR}_A^4\text{-CO-O-R}_A^1$ ,  $\text{O-CH}_2\text{-COO-R}_A^1$ ,  $\text{NR}_A^2\text{R}_A^3$ ,  $\text{CONH}_2$ ,  $\text{SO}_2\text{NH}_2$ ,  $\text{NR}_A^4\text{-CO-R}_A^1$ ,  $\text{SO}_2\text{-R}_A^1$ ,  $\text{NR}_A^4\text{-SO}_2\text{-R}_A^1$ ,  $\text{SO}_2\text{-NR}_A^2\text{R}_A^3$  or  $\text{CO-NR}_A^2\text{R}_A^3$ ;

**R<sub>A</sub><sup>1</sup>:**

each optionally substituted  $\text{C}_1\text{-C}_6\text{-alkyl}$ ,  $\text{C}_2\text{-C}_6\text{-alkenyl}$ ,  $\text{C}_2\text{-C}_6\text{-alkynyl}$ ,  $\text{C}_3\text{-C}_7\text{-cycloalkyl}$ ,  $\text{C}_1\text{-C}_4\text{-alkylene-C}_3\text{-C}_7\text{-cycloalkyl}$ ,  $\text{C}_1\text{-C}_4\text{-alkylene-heterocyclo-alkyl}$ , aryl, hetaryl, heterocycloalkyl,  $\text{C}_1\text{-C}_4\text{-alkylene-aryl}$ ,  $\text{C}_2\text{-C}_6\text{-alkenylene-aryl}$  or  $\text{C}_1\text{-C}_6\text{-alkylene-hetaryl}$ ;

**R<sub>A</sub><sup>2</sup>:**

hydrogen,  $\text{OH}$ ,  $\text{CN}$ , or

each optionally substituted  $\text{C}_1\text{-C}_6\text{-alkyl}$ ,  $\text{C}_2\text{-C}_6\text{-alkenyl}$ ,  $\text{C}_2\text{-C}_6\text{-alkynyl}$ ,  $\text{C}_1\text{-C}_4\text{-alkylene-C}_3\text{-C}_7\text{-cycloalkyl}$ ,  $\text{C}_1\text{-C}_4\text{-alkylene-heterocycloalkyl}$ , aryl, hetaryl, heterocycloalkyl,  $\text{C}_1\text{-C}_4\text{-alkylene-aryl}$ ,  $\text{C}_1\text{-C}_4\text{-alkylene-hetaryl}$ ,  $\text{C}_1\text{-C}_6\text{-alkylene-O-C}_1\text{-C}_6\text{-alkyl}$ ,  $\text{CO-C}_1\text{-C}_6\text{-alkyl}$ ,  $\text{CO-aryl}$ ,  $\text{CO-hetaryl}$ ,  $\text{CO-C}_1\text{-C}_4\text{-alkylene-aryl}$ ,  $\text{CO-C}_1\text{-C}_4\text{-alkylene-hetaryl}$ ,  $\text{CO-O-C}_1\text{-C}_6\text{-alkyl}$ ,  $\text{CO-O-aryl}$ ,  $\text{CO-O-C}_1\text{-C}_4\text{-alkylene-aryl}$ ,  $\text{CO-O-hetaryl}$ ,  $\text{CO-O-C}_1\text{-C}_4\text{-alkylene-hetaryl}$ ,  $\text{SO}_2\text{-C}_1\text{-C}_6\text{-alkyl}$ ,  $\text{SO}_2\text{-aryl}$ ,  $\text{SO}_2\text{-hetaryl}$ ,  $\text{SO}_2\text{-C}_1\text{-C}_4\text{-alkylene-aryl}$  or  $\text{SO}_2\text{-C}_1\text{-C}_4\text{-alkylene-hetaryl}$ ;

**R<sub>A</sub><sup>3</sup>:**

each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-aryl, CO-hetaryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-O-aryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-O-hetaryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl or SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl;

or the moieties **R<sub>A</sub><sup>2</sup>** and **R<sub>A</sub><sup>3</sup>** form, together with the nitrogen, a 3 to 7-membered, optionally substituted, saturated or aromatic heterocycle, which can contain one, two or three further different or identical heteroatoms from the group O, N, S; wherein optionally two of the moieties substituted on this heterocycle can together form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S and wherein the so-formed cycle can be optionally substituted or a further, optionally substituted cycle can be condensed onto this cycle;

**R<sub>A</sub><sup>4</sup>:**

hydrogen, or

each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>3</sub>-C<sub>12</sub>-alkynyl, CO-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, aryl, C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-O-arylalkyl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-aryl, SO<sub>2</sub>-aryl, hetaryl, CO-hetaryl or SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl;

**B:**

hydrogen or as moiety **A** is defined,

or each independently of one another, two of the moieties **A**, **B** or **R<sub>w</sub><sup>1</sup>** together form a 3 to 7-membered, optionally substituted, saturated or unsaturated carbocycle or an optionally substituted, saturated or unsaturated or aromatic heterocycle which can contain one, two or three further different or identical heteroatoms from the group

O, N, S; wherein optionally two moieties substituted on this carbo- or heterocycle can together form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S and wherein the cycle formed can optionally be substituted or a further, optionally substituted cycle can be condensed onto this cycle;

 $\mathbf{R}_w^1:$ 

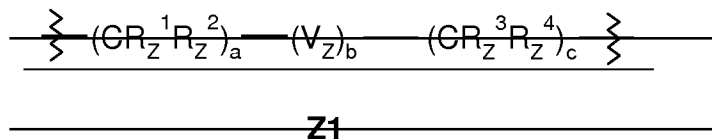
hydrogen, OH, halogen, NO<sub>2</sub>, NH<sub>2</sub>, CN, CF<sub>3</sub>, CHF<sub>2</sub>, O-CF<sub>3</sub>, O-CHF<sub>2</sub>, or each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-thioalkyl, aryl, hetaryl, O-C<sub>1</sub>-C<sub>6</sub>-alkyl, O-aryl, O-benzyl, C<sub>1</sub>-C<sub>6</sub>-alkylamino, C<sub>1</sub>-C<sub>6</sub>-dialkylamino, pyrrolidinyl, piperidinyl, morpholinyl, CO-C<sub>1</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-aryl, SO<sub>2</sub>-aryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, SO-aryl, CONH<sub>2</sub>, CONH-C<sub>1</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>NH-C<sub>1</sub>-C<sub>6</sub>-alkyl, CON-(C<sub>1</sub>-C<sub>6</sub>-alkyl)<sub>2</sub>, SO<sub>2</sub>N-(C<sub>1</sub>-C<sub>6</sub>-alkyl)<sub>2</sub>, NH-SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-alkyl or NH-CO-C<sub>1</sub>-C<sub>6</sub>-alkyl;

**D:**

as moiety **A** is defined;

**Z:**

~~each optionally substituted C<sub>1-4</sub>-alkylene or C<sub>1-4</sub>-alkyleneoxy; a moiety of the general~~

~~formula Z1~~

— with the indices

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$b = 0, 1$

~~————c=0—4~~

~~————wherein the sum of a, b and c is at least 1 and no more than 5;~~

~~$R_Z^1, R_Z^2, R_Z^3, R_Z^4$  independently of one another:~~

~~hydrogen, halogen, OH, or~~

~~each optionally substituted  $C_4-C_6$ -alkyl,  $C_2-C_6$ -alkenyl,  $C_2-C_6$ -alkynyl,  $C_4-C_6$ -alkylene- $C_3-C_7$ -cycloalkyl,  $C_3-C_7$ -cycloalkyl, aryl,  $C_4-C_4$ -alkylene-aryl, hetaryl or  $C_4-C_4$ -alkylene-hetaryl, or~~

~~each independently of one another two moieties are  $R_Z^1$  and  $R_Z^2$  or  $R_Z^3$  and  $R_Z^4$  together form a 3 to 7-membered, optionally substituted, saturated or unsaturated carbo- or heterocycle, wherein the heterocycle can contain up to three heteroatoms from the group O, N, or S;~~

~~$V_Z$ :~~

~~$CO, CO-NR_Z^5, NR_Z^5-CO, O, S, SO, SO_2, SO_2-NR_Z^5, NR_Z^5-SO_2,$   
 $CS, CS-NR_Z^5, NR_Z^5-CS, CS-O, O-CS, CO-O, O-CO, O,$  ethynylene,  
 $C(=CR_Z^6R_Z^7), CR_Z^6=CR_Z^7, NR_Z^5-CO-NR_Z^{5*}, O-CO-NR_Z^5, NR_Z^5-$~~

~~$R_Z^5, R_Z^{5*}$  independently of one another:~~

~~————hydrogen or~~

~~each optionally substituted  $C_4-C_6$ -alkyl,  $C_4-C_6$ -alkylene-O- $C_4-C_6$ -alkyl,  $C_2-C_6$ -alkenyl,  $C_3-C_{12}$ -alkynyl, CO- $C_4-C_6$ -alkyl, CO-O- $C_4-C_6$ -alkyl,  $SO_2-C_4-C_6$ -alkyl,  $C_3-C_7$ -cycloalkyl, aryl,  $C_4-C_4$ -alkylene-aryl, CO-O- $C_4-C_4$ -alkylene-aryl, CO- $C_4-C_4$ -alkylene-aryl, CO-aryl,  $SO_2$ -aryl, hetaryl, CO-hetaryl or  $SO_2-C_4-C_4$ -alkylene-aryl;~~

~~$R_Z^6, R_Z^7$  independently of one another:~~

~~————hydrogen, OH or~~

~~each optionally substituted  $C_4-C_6$ -alkyl,  $C_4-C_4$ -alkoxy,  $C_2-C_6$ -alkenyl,  $C_2-C_6$ -alkynyl,  $C_4-C_6$ -alkylene- $C_3-C_7$ -cycloalkyl,  $C_3-C_7$ -cycloalkyl, aryl,  $C_4-C_4$ -alkylene-aryl, hetaryl or  $C_4-C_4$ -alkylene-hetaryl;~~

**R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>** independently of one another:

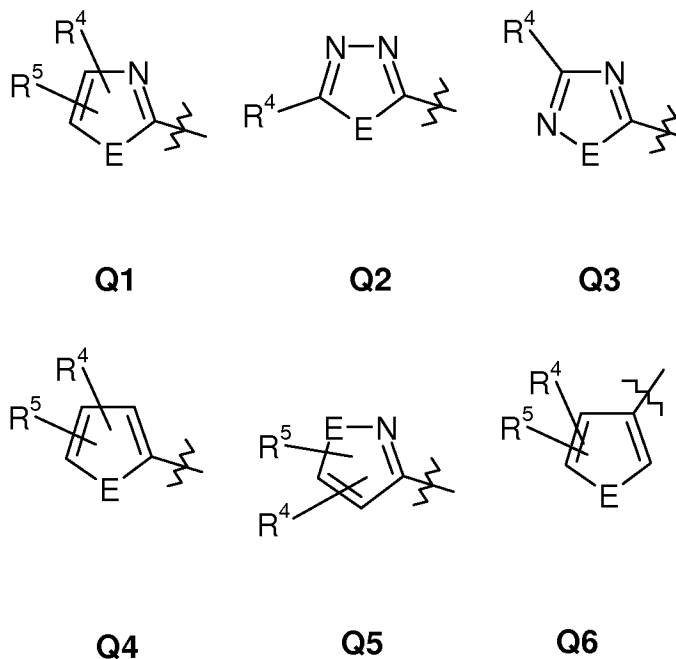
hydrogen, OH, CN, or

each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, O-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, O-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, aryl, hetaryl, C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, O-aryl, O-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, O-hetaryl, O-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-aryl, CO-hetaryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-O-aryl, CO-O-hetaryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, OCO-C<sub>1</sub>-C<sub>6</sub>-alkyl, OCO-aryl, OCO-hetaryl, OCO-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, OCO-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl or SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, or

each independently of the third moiety, two moieties of **R<sup>1</sup>, R<sup>2</sup>** or **R<sup>3</sup>** together form a 5 to 7-membered, optionally substituted, saturated or unsaturated carbocycle or an optionally substituted, saturated or unsaturated heterocycle which can contain one, two or three further different or identical heteroatoms from the group O, N, S, wherein optionally two of the moieties substituted on this carbo- or heterocycle can together form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S and wherein the cycle formed is optionally substituted or a further, optionally substituted cycle is condensed onto this cycle;

**Q:**

a doubly substituted 5-membered hetaryl moiety chosen from **Q1** to **Q6**



**E:** O, N-R<sub>Q</sub><sup>1</sup> or S;

**R<sub>Q</sub><sup>1</sup>:**

hydrogen, or

each optionally substituted C<sub>1</sub>-C<sub>4</sub>-alkyl, CO-C<sub>1</sub>-C<sub>4</sub>-alkyl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkyl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkyl, aryl, C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-aryl, CO-hetaryl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, CO-O-aryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl or CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl;

**R<sup>4</sup>, R<sup>5</sup>** each independently of one another a moiety chosen from the groups **1**[[.]], **2**[[.]], **3**[[.]], **4**[[.]] or **5**[[.]]:

**1**[[.]] hydrogen, halogen, CN, CF<sub>3</sub>, CHF<sub>2</sub>, or

each optionally substituted C<sub>1</sub>-C<sub>10</sub>-alkyl, C<sub>2</sub>-C<sub>10</sub>-alkenyl, C<sub>2</sub>-C<sub>10</sub>-alkynyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-aryl, COO-C<sub>1</sub>-C<sub>4</sub>-alkyl or C<sub>1</sub>-C<sub>4</sub>-alkylene-COO-C<sub>1</sub>-C<sub>4</sub>-alkyl;



2[[.]] Phenyl or naphthyl, which are each substituted with  $R_Q^2$ ,  $R_Q^3$  and  $R_Q^4$ ,  
wherein

$R_Q^2$ ,  $R_Q^3$  and  $R_Q^4$  each independently of one another represent a substituent from the following group:

hydrogen,  $NO_2$ ,  $NH_2$ ,  $OH$ ,  $CN$ ,  $CF_3$ ,  $CHF_2$ ,  $OCF_3$ ,  $OCHF_2$ ,  $COOH$ ,  $O-CH_2-COOH$ ,  $SH$ , halogen, or  
each optionally substituted aryl, hetaryl, heterocycloalkyl,  $C_1$ - $C_6$ -alkyl,  $C_2$ - $C_6$ -alkenyl,  $C_2$ - $C_6$ -alkynyl,  $C_3$ - $C_7$ -cycloalkyl,  $C_1$ - $C_4$ -alkylene- $C_3$ - $C_7$ -cycloalkyl,  $C_1$ - $C_4$ -alkylene-heterocycloalkyl,  $C_1$ - $C_4$ -alkylene-aryl or  $C_1$ - $C_4$ -alkylene-hetaryl, or  
 $O-R_Q^5$ ,  $S-R_Q^5$ ,  $NR_Q^7R_Q^8$ ,  $CO-OR_Q^6$ ,  $NR_Q^8-CO-O-R_Q^6$ ,  $O-CH_2-COO-R_Q^6$ ,  
 $NR_Q^8-CO-R_Q^6$ ,  $SO_2-R_Q^6$ ,  $NR_Q^8-SO_2-R_Q^6$ ,  $SO_2NH_2$ ,  $CONH_2$ ,  $SO_2-NR_Q^7R_Q^8$  or  
 $CO-NR_Q^7R_Q^8$ , or

two of the moieties  $R_Q^2$ ,  $R_Q^3$  or  $R_Q^4$  together form a 3 to 7-membered, optionally substituted, saturated, unsaturated or aromatic carbocycle or an optionally substituted, saturated or unsaturated aromatic heterocycle, which can contain up to three further different or identical heteroatoms O, N, S and optionally two moieties substituted on this heterocycle can together form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S and the cycle formed can optionally be substituted or a further, optionally substituted cycle can be condensed onto this cycle;

$R_Q^5$  each optionally substituted  $C_2$ - $C_6$ -alkenyl,  $C_2$ - $C_6$ -alkynyl,  $C_1$ - $C_4$ -alkylene- $C_3$ - $C_7$ -cycloalkyl,  $C_1$ - $C_4$ -alkylene-heterocycloalkyl, heterocycloalkyl or hetaryl, or  $C_1$ - $C_6$ -alkyl, which is optionally substituted with a substituent from the group consisting of halogen,  $NO_2$ ,  $NH_2$ ,  $OH$ ,  $CN$ ,  $CF_3$ ,  $CHF_2$ ,  $OCF_3$ ,  $OCHF_2$ ,  $NH-(C_1-C_6-alkyl)$  and  $N(C_1-C_6-alkyl)_2$ ;

**R<sub>Q</sub><sup>6</sup>** each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl or C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl;

**R<sub>Q</sub><sup>7</sup>** hydrogen, OH, CN, or  
each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-aryl, CO-hetaryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-O-aryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-O-hetaryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl or SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl;

**R<sub>Q</sub><sup>8</sup>** each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-aryl, CO-hetaryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-O-C<sub>1</sub>-C<sub>6</sub>-alkyl, CO-O-aryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl, CO-O-hetaryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-aryl or SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkylene-hetaryl;

or the moieties **R<sub>Q</sub><sup>7</sup>** and **R<sub>Q</sub><sup>8</sup>** form, together with the nitrogen, a 3 to 7-membered, optionally substituted, saturated or aromatic heterocycle which can contain one, two or three further or different identical heteroatoms O, N, S; and optionally two moieties substituted on this heterocycle can form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S and the cycle formed can optionally be substituted or a further, optionally substituted cycle can be condensed onto this cycle;

**3[[.]]**) a 5- or 6-membered hetaryl moiety optionally substituted with one or two substituents from the group consisting of:

2-pyrrolyl, 3-pyrrolyl, 2-thiazolyl, 4-thiazolyl, 5-thiazolyl, 2-oxazolyl, 4-oxazolyl, 5-oxazolyl, 2-pyrimidyl, 4-pyrimidyl, 5-pyrimidyl, 6-pyrimidyl, 3-pyrazolyl, 4-pyrazolyl, 5-pyrazolyl, 3-isothiazolyl, 4-isothiazolyl, 5-isothiazolyl, 2-imidazolyl, 4-imidazolyl, 5-imidazolyl, 3-pyridazinyl, 4-pyridazinyl, 5-pyridazinyl, 6-pyridazinyl, 3-isoxazolyl, 4-isoxazolyl, 5-isoxazolyl, thiadiazolyl, oxadiazolyl or triazinyl or their anellated derivatives indazolyl, benzothiophenyl, benzofuranyl, indolynyl, benzimidazolyl, benzthiazolyl, benzoxazolyl, chinolynyl and isochinolynyl; or

2-thienyl or 3-thienyl optionally substituted with one or two substituents, wherein the substituents are chosen from the group consisting of halogen, NO<sub>2</sub>, NH<sub>2</sub>, OH, CN, CF<sub>3</sub>, OCF<sub>3</sub>, CHF<sub>2</sub>, O-CHF<sub>2</sub>, C<sub>1</sub>-C<sub>6</sub>-alkyl, O-C<sub>1</sub>-C<sub>6</sub>-alkyl, NH-(C<sub>1</sub>-C<sub>6</sub>-alkyl), N(C<sub>1</sub>-C<sub>6</sub>-alkyl)<sub>2</sub>, NHCO-C<sub>1</sub>-C<sub>4</sub>-alkyl, NHSO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkyl and SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkyl;

**4[[.]]**) both moieties **R**<sup>4</sup> and **R**<sup>5</sup> together form a 4 to 7-membered, optionally substituted, saturated or unsaturated or aromatic carbocycle or a 5- or 6-membered optionally substituted, saturated or unsaturated or aromatic heterocycle, which can contain up to three further different or identical heteroatoms O, N, S and can be substituted with up to two further moieties, wherein optionally two moieties substituted on this carbo- or heterocycle can form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S and wherein the cycle formed can be optionally substituted or a further, optionally substituted cycle can be condensed onto this cycle;

**5[[.]]**) a C<sub>5</sub>-C<sub>18</sub>- bi- or tricyclic, saturated hydrocarbon moiety.

3. (Currently Amended) ~~Guanadine~~ The compound according to claim 1, wherein the given moieties have the following definition:

**W:** **W1;**

**A:** halogen, OH, CN, CF<sub>3</sub>, CHF<sub>2</sub>, OCF<sub>3</sub>, OCHF<sub>2</sub>, or  
each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl or C<sub>2</sub>-C<sub>6</sub>-alkenyl,  
O-CH<sub>2</sub>-COO-R<sub>A</sub><sup>1</sup>, O-R<sub>A</sub><sup>1</sup>, S-R<sub>A</sub><sup>1</sup>, NR<sub>A</sub><sup>2</sup>R<sub>A</sub><sup>3</sup>, NR<sub>A</sub><sup>4</sup>-CO-R<sub>A</sub><sup>1</sup> or CO-NR<sub>A</sub><sup>4</sup>R<sub>A</sub><sup>1</sup>;

**R<sub>A</sub><sup>1</sup>:** each optionally substituted C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, phenyl or benzyl;

**R<sub>A</sub><sup>2</sup>:** hydrogen, or  
each optionally substituted C<sub>1</sub>-C<sub>4</sub>-alkyl, phenyl, benzyl, phenethyl, CO-C<sub>1</sub>-C<sub>4</sub>-alkyl,  
CO-aryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkyl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl or SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-  
alkylene-aryl;

**R<sub>A</sub><sup>3</sup>:** each optionally substituted C<sub>1</sub>-C<sub>4</sub>-alkyl, phenyl, benzyl, phenethyl, CO-C<sub>1</sub>-C<sub>4</sub>-alkyl,  
CO-aryl, CO-O-C<sub>1</sub>-C<sub>4</sub>-alkyl, SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, or SO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-  
alkylene-aryl;  
or the moieties **R<sub>A</sub><sup>2</sup>** and **R<sub>A</sub><sup>3</sup>** together form an optionally substituted 5- or 6-  
membered saturated or unsaturated ring, which can contain up to two identical or  
different heteroatoms from the group O and N;

**R<sub>A</sub><sup>4</sup>:** hydrogen or an optionally substituted C<sub>1</sub>-C<sub>4</sub>-alkyl moiety;

**B:** hydrogen or as moiety A is defined;

**R<sub>W</sub><sup>1</sup>:** hydrogen, F, Cl, CN, CF<sub>3</sub>, O-CF<sub>3</sub>, or  
each optionally substituted C<sub>1</sub>-C<sub>4</sub>-alkyl, aryl, C<sub>1</sub>-C<sub>6</sub>-alkylamino or C<sub>1</sub>-C<sub>6</sub>-dialkylamino;

in the formula ~~Z1~~ the sum of a, b and c is 1, 2 or 3;

~~$R_z^1, R_z^2, R_z^3, R_z^4$  independently of one another:  
hydrogen, halogen, OH, optionally substituted  $C_1$ - $C_6$ -alkyl;~~

~~$V_z$ : —CO—, CO-NR<sub>z</sub><sup>5</sup>, NR<sub>z</sub><sup>5</sup>-CO—, O—, S—;~~

~~$R_z^5$ : —hydrogen, CH<sub>3</sub>;~~

$R^1, R^2, R^3$  independently of one another:

hydrogen, OH, CN,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_6$ -alkylene-O- $C_1$ - $C_6$ -alkyl, substituted aryl,  
benzyl, CO- $C_1$ - $C_6$ -alkyl, CO-aryl, CO- $C_1$ - $C_4$ -alkylene-aryl, OCO- $C_1$ - $C_6$ -alkyl, OCO-  
aryl or OCO- $C_1$ - $C_4$ -alkylene-hetaryl;

**Q** is chosen from the group consisting of **Q1**, **Q2** and **Q3**;

$R_Q^1$ : hydrogen, optionally substituted  $C_1$ - $C_4$ -alkyl, in the aryl moiety optionally substituted  
benzyl, CO- $C_1$ - $C_4$ -alkyl, optionally substituted benzoyl, SO<sub>2</sub>- $C_1$ - $C_4$ -alkyl or in the aryl  
moiety optionally substituted SO<sub>2</sub>-aryl.

4. (Currently Amended) ~~Guanidine~~ The compound according to claim 1, wherein the  
given moieties have the following definitions:

**A**: OH, F, Cl, OCF<sub>3</sub>, OCHF<sub>2</sub>, optionally substituted  $C_1$ - $C_4$ -alkyl, O- $C_1$ - $C_4$ -alkyl or S- $C_1$ -  
 $C_4$ -alkyl;

**B**: hydrogen, OH, F, Cl, CF<sub>3</sub>, OCF<sub>3</sub>, OCHF<sub>2</sub>, optionally substituted  $C_1$ - $C_4$ -alkyl, O- $C_1$ -  
 $C_4$ -alkyl or S- $C_1$ - $C_4$ -alkyl;

$R_W^1$ : hydrogen, F, Cl, CN, CF<sub>3</sub> or O-CF<sub>3</sub>;

~~$Z$ : —each optionally substituted  $C_1$ - $C_4$ -alkyl or  $C_1$ - $C_4$ -alkylene-O- $C_1$ - $C_4$ -alkyl;~~

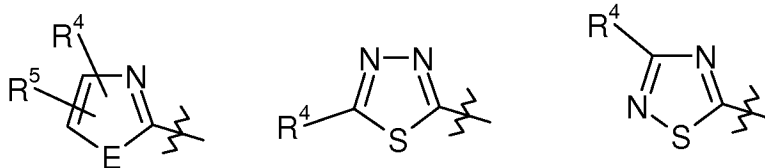
~~$R_z^1, R_z^2, R_z^3, R_z^4$  each independently of one another;~~

—hydrogen, F, CH<sub>3</sub>;

**R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>** independently of one another:

hydrogen, OH, CN, O-methyl, O-phenyl, acetyl, benzoyl, O-acetyl, O-benzoyl;

**Q** is chosen from the group consisting of



**R<sub>Q</sub><sup>1</sup>:** hydrogen, CH<sub>3</sub>, methanesulfonyl, phenylsulfonyl or tosyl.

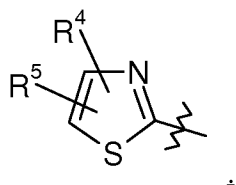
5. (Currently Amended) ~~Guandine~~ The compound according to claim 1, wherein the given moieties have the following definitions:

**A:** OH, OCF<sub>3</sub>, OCH<sub>3</sub>, O-ethyl, O-propyl or O-i-propyl;

**Z:** -CH<sub>2</sub>-, -CH<sub>2</sub>-O-, -CH<sub>2</sub>-CH<sub>2</sub>- or -CH<sub>2</sub>-CH<sub>2</sub>-O-;

two of the moieties **R<sup>1</sup>, R<sup>2</sup>, or R<sup>3</sup>**, are hydrogen, and the third moiety is hydrogen, OH, acetyl or benzoyl;

**Q:**



6. (Currently Amended) ~~Guanidine~~ The compound according to claim 1, wherein  $R^4$  and/or  $R^5$  each independently of one another represents a moiety chosen from the groups 1[[.]], 2[[.]], 3[[.]], 4[[.]] or 5[[.]]:

1[[.]] hydrogen, F, Cl, CN, CF<sub>3</sub>, or

each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-C<sub>6</sub>-alkyl or C<sub>3</sub>-C<sub>7</sub>-cycloalkyl;

2[[.]]  $R_Q^1$ ,  $R_Q^2$  and  $R_Q^3$  independently of one another

hydrogen, CN, CF<sub>3</sub>, CHF<sub>2</sub>, OCF<sub>3</sub>, OCHF<sub>2</sub>, F, Cl, OH or

each optionally substituted phenyl or hetaryl, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>5</sub>-C<sub>7</sub>-cycloalkyl, O- $R_Q^5$ , NR<sub>Q</sub><sup>7</sup> $R_Q^8$ , CO-OR<sub>Q</sub><sup>6</sup>, NR<sub>Q</sub><sup>8</sup>-CO-O- $R_Q^6$ , O-CH<sub>2</sub>-COO- $R_Q^6$ , NR<sub>Q</sub><sup>8</sup>-CO- $R_Q^6$ , SO<sub>2</sub>- $R_Q^6$ , NR<sub>Q</sub><sup>8</sup>-SO<sub>2</sub>- $R_Q^6$ , NR<sub>Q</sub><sup>8</sup>-CO-O- $R_Q^6$ , SO<sub>2</sub>NH<sub>2</sub>, CONH<sub>2</sub>, SO<sub>2</sub>-NR<sub>Q</sub><sup>7</sup> $R_Q^8$  or CO-NR<sub>Q</sub><sup>7</sup> $R_Q^8$ ;

$R_Q^5$ : C<sub>1</sub>-C<sub>4</sub>-Alkyl, which is optionally substituted with a substituent from the group consisting of F, Cl, OH, CN, CF<sub>3</sub>, OCF<sub>3</sub>, NH-(C<sub>1</sub>-C<sub>4</sub>-alkyl) and N(C<sub>1</sub>-C<sub>4</sub>-alkyl)<sub>2</sub>;

$R_Q^6$ : each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, aryl, hetaryl or phenyl;

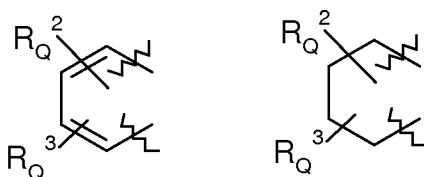
$R_Q^7$ : hydrogen, each optionally substituted C<sub>1</sub>-C<sub>4</sub>-alkyl, allyl, aryl, hetaryl, benzyl, phenethyl or CH<sub>2</sub>-hetaryl;

$R_Q^8$ : each optionally substituted C<sub>1</sub>-C<sub>4</sub>-alkyl, allyl, aryl, hetaryl, benzyl, phenethyl or CH<sub>2</sub>-hetaryl;

or  $R_Q^7$  and  $R_Q^8$  form an optionally substituted 3- or 7-membered saturated or unsaturated ring which can contain up to two identical or different hetero atoms from the group O and N;

3[[.]] benzothiophenyl, benzofuranyl, chinolinyl or isochinolinyl;

4[[.]] both moieties  $\mathbf{R}^4$  and  $\mathbf{R}^5$  together form one of the following rings:



wherein  $\mathbf{R}_Q^2$  and  $\mathbf{R}_Q^3$  are as defined under 2[[.]];

5[[.]] Adamantyl.

7. (Currently Amended) ~~Guanidine~~ The compound according to claim 1, wherein the given moieties have the following definitions:

**W:** **W1;**

**A:** halogen, OH, CN,  $\text{CF}_3$ ,  $\text{CHF}_2$ ,  $\text{OCF}_3$ ,  $\text{OCHF}_2$ , or each optionally substituted  $\text{C}_1$ - $\text{C}_6$ -alkyl or  $\text{C}_2$ - $\text{C}_6$ -alkenyl,  $\text{O-CH}_2\text{-COO-R}_A^1$ ,  $\text{O-R}_A^1$ ,  $\text{S-R}_A^1$ ,  $\text{NR}_A^2\text{R}_A^3$ ,  $\text{NR}_A^4\text{-CO-R}_A^1$ ,  $\text{SO}_2\text{NH}_2$ ,  $\text{NR}_A^4\text{-SO}_2\text{-R}_A^1$ ,  $\text{SO}_2\text{-NR}_A^2\text{R}_A^3$  or  $\text{CO-NR}_A^4\text{R}_A^1$ ;

$\mathbf{R}_A^1$ : each optionally substituted  $\text{C}_1$ - $\text{C}_4$ -alkyl,  $\text{C}_3$ - $\text{C}_7$ -cycloalkyl, phenyl or benzyl;

$\mathbf{R}_A^2$ : hydrogen, or each optionally substituted  $\text{C}_1$ - $\text{C}_4$ -alkyl, phenyl, benzyl, phenethyl,  $\text{CO-C}_1\text{-C}_4$ -alkyl,  $\text{CO-aryl}$ ,  $\text{CO-O-C}_1\text{-C}_4$ -alkyl,  $\text{SO}_2\text{-C}_1\text{-C}_4$ -alkyl,  $\text{SO}_2\text{-aryl}$ ,  $\text{SO}_2\text{-hetaryl}$  or  $\text{SO}_2\text{-C}_1\text{-C}_4$ -alkylene-aryl;

$\mathbf{R}_A^3$ : each optionally substituted  $\text{C}_1$ - $\text{C}_4$ -alkyl, phenyl, benzyl, phenethyl,  $\text{CO-C}_1\text{-C}_4$ -alkyl,  $\text{CO-aryl}$ ,  $\text{CO-O-C}_1\text{-C}_4$ -alkyl,  $\text{SO}_2\text{-C}_1\text{-C}_4$ -alkyl,  $\text{SO}_2\text{-aryl}$ ,  $\text{SO}_2\text{-hetaryl}$ , or  $\text{SO}_2\text{-C}_1\text{-C}_4$ -alkylene-aryl;



or the moieties  $R_A^2$  and  $R_A^3$  together form an optionally substituted 5- or 6-membered saturated or unsaturated ring, which can contain up to two identical or different heteroatoms from the group O and N;

$R_A^4$ : hydrogen or an optionally substituted  $C_1$ - $C_4$ -alkyl moiety;

**B**: hydrogen or as moiety **A** is defined;

$R_W^1$ : hydrogen, F, Cl, CN,  $CF_3$ , O- $CF_3$ , or  
each optionally substituted  $C_1$ - $C_4$ -alkyl, aryl,  $C_1$ - $C_6$ -alkylamino or  $C_1$ - $C_6$ -dialkylamino;

in the formula ~~Z1~~ the sum of a, b and c is 1, 2 or 3;

~~$R_Z^1, R_Z^2, R_Z^3, R_Z^4$  independently of one another:~~

~~hydrogen, halogen, OH, optionally substituted  $C_4$ - $C_6$ -alkyl;~~

~~$V_Z$ : —CO—, CO- $NR_Z^5$ ,  $NR_Z^5$ -CO—, O—, S—;~~

~~$R_Z^5$ : —hydrogen,  $CH_3$ ;~~

$R^1, R^2, R^3$  independently of one another:

hydrogen, OH, CN,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_6$ -alkylene-O- $C_1$ - $C_6$ -alkyl, substituted aryl, benzyl, CO- $C_1$ - $C_6$ -alkyl, CO-aryl, CO- $C_1$ - $C_4$ -alkylene-aryl, OCO- $C_1$ - $C_6$ -alkyl, OCO-aryl or OCO- $C_1$ - $C_4$ -alkylene-hetaryl;

**Q** is chosen from the group consisting of **Q1**, **Q2**, **Q3** and **Q5**;

$R_Q^1$ : hydrogen, optionally substituted  $C_1$ - $C_4$ -alkyl, in the aryl moiety optionally substituted benzyl, CO- $C_1$ - $C_4$ -alkyl, optionally substituted benzoyl,  $SO_2$ - $C_1$ - $C_4$ -alkyl or in the aryl moiety optionally substituted  $SO_2$ -aryl.

8. (Currently Amended) ~~Guandine~~ The compound according to claim 1, wherein the given moieties have the following definitions:

**A:** OH, F, Cl, OCF<sub>3</sub>, OCHF<sub>2</sub>, optionally substituted C<sub>1</sub>-C<sub>4</sub>-alkyl, O-C<sub>1</sub>-C<sub>4</sub>-alkyl or S-C<sub>1</sub>-C<sub>4</sub>-alkyl;

**B:** hydrogen, OH, F, Cl, CF<sub>3</sub>, OCF<sub>3</sub>, OCHF<sub>2</sub>, optionally substituted C<sub>1</sub>-C<sub>4</sub>-alkyl, O-C<sub>1</sub>-C<sub>4</sub>-alkyl or S-C<sub>1</sub>-C<sub>4</sub>-alkyl;

**R<sub>w</sub><sup>1</sup>:** hydrogen, F, Cl, CN, CF<sub>3</sub> or O-CF<sub>3</sub>;

**Z:** ~~each optionally substituted C<sub>4</sub>-C<sub>4</sub>-alkyl or C<sub>4</sub>-C<sub>4</sub>-alkylene-O-C<sub>4</sub>-C<sub>4</sub>-alkyl;~~

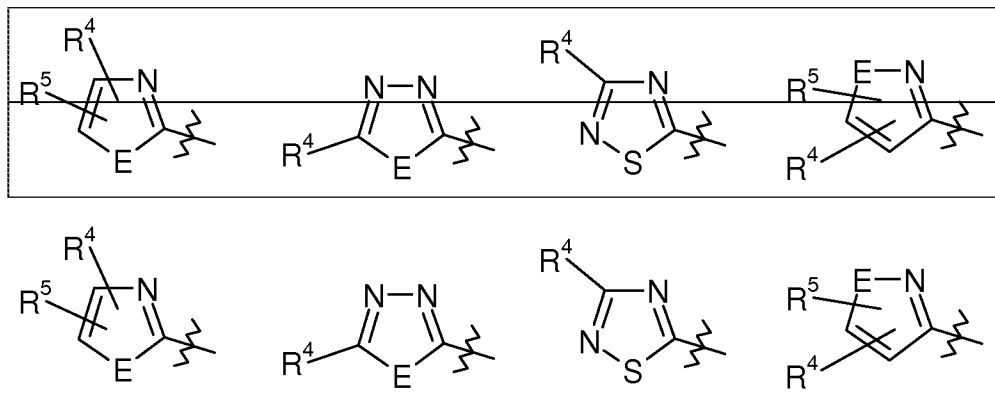
**R<sub>Z</sub><sup>1</sup>, R<sub>Z</sub><sup>2</sup>, R<sub>Z</sub><sup>3</sup>, R<sub>Z</sub><sup>4</sup>** ~~each independently of one another:~~

~~hydrogen, F, CH<sub>3</sub>;~~

**R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>** independently of one another:

hydrogen, OH, CN, O-methyl, O-phenyl, acetyl, benzoyl, O-acetyl, O-benzoyl;

**Q** is chosen from the group consisting of



**R<sub>Q</sub><sup>1</sup>:** hydrogen, CH<sub>3</sub>, phenyl, benzyl, methanesulfonyl, phenylsulfonyl or tosyl.

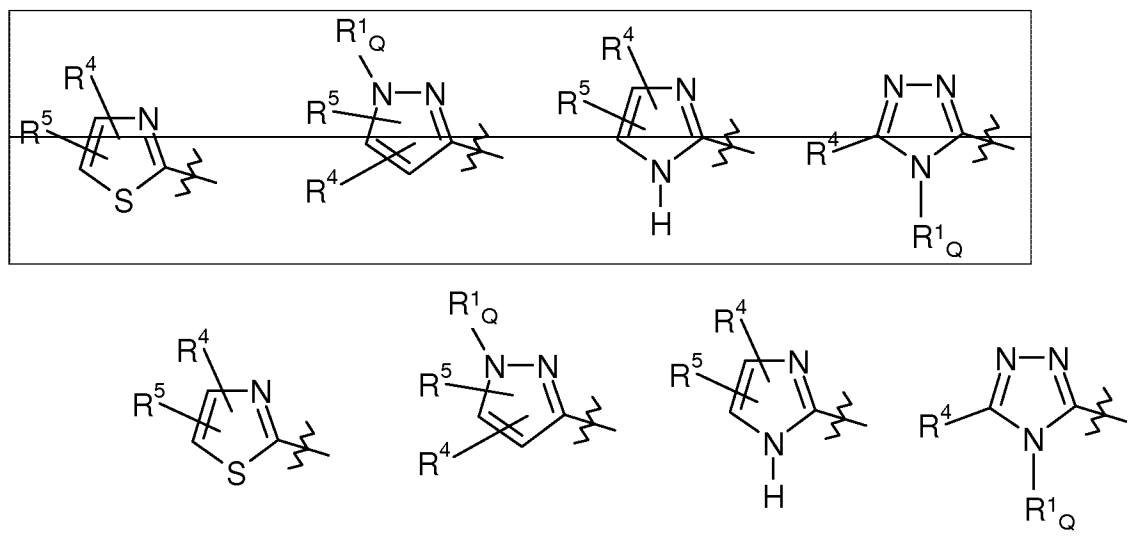
9. (Currently Amended) ~~Guanidine~~ The compound according to claim 1, wherein the given moieties have the following definitions:

**A:** OH, OCF<sub>3</sub>, OCH<sub>3</sub>, O-ethyl, O-propyl or O-i-propyl;

**Z:** -CH<sub>2</sub>-, -CH<sub>2</sub>-O-, -CH<sub>2</sub>-CH<sub>2</sub>- or -CH<sub>2</sub>-CH<sub>2</sub>-O-;

two of the moieties **R**<sup>1</sup>, **R**<sup>2</sup>, or **R**<sup>3</sup> are hydrogen, and the third moiety is hydrogen, OH, acetyl or benzoyl;

**Q:**



**R**<sub>Q</sub><sup>1</sup>: hydrogen, CH<sub>3</sub>, phenyl, benzyl, methanesulfonyl, phenylsulfonyl or tosyl.

10. (Currently Amended) Guanidine compound according to claim 1, wherein **R**<sup>4</sup> and/or **R**<sup>5</sup> each independently from one another represent a moiety chosen from the groups 1[[.]], 2[[.]], 3[[.]], 4[[.]], 5[[.]] or [[7.]]~~6~~:

1[[.]] hydrogen, F, Cl, CN, CF<sub>3</sub>, or  
each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>1</sub>-C<sub>6</sub>-alkylene-O-C<sub>1</sub>-  
C<sub>6</sub>-alkyl or C<sub>3</sub>-C<sub>7</sub>-cycloalkyl;

2[[.]] **R**<sub>Q</sub><sup>1</sup>, **R**<sub>Q</sub><sup>2</sup> and **R**<sub>Q</sub><sup>3</sup> independently of one another

hydrogen, CN, CF<sub>3</sub>, CHF<sub>2</sub>, OCF<sub>3</sub>, OCHF<sub>2</sub>, F, Cl, OH or  
 each optionally substituted phenyl or hetaryl, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>5</sub>-C<sub>7</sub>-cycloalkyl, O-  
 R<sub>Q</sub><sup>5</sup>, NR<sub>Q</sub><sup>7</sup>R<sub>Q</sub><sup>8</sup>, CO-OR<sub>Q</sub><sup>6</sup>, NR<sub>Q</sub><sup>8</sup>-CO-O-R<sub>Q</sub><sup>6</sup>, O-CH<sub>2</sub>-COO-R<sub>Q</sub><sup>6</sup>, NR<sub>Q</sub><sup>8</sup>-CO-  
 R<sub>Q</sub><sup>6</sup>, SO<sub>2</sub>-R<sub>Q</sub><sup>6</sup>, NR<sub>Q</sub><sup>8</sup>-SO<sub>2</sub>-R<sub>Q</sub><sup>6</sup>, NR<sub>Q</sub><sup>8</sup>-CO-O-R<sub>Q</sub><sup>6</sup>, SO<sub>2</sub>NH<sub>2</sub>, CONH<sub>2</sub>, SO<sub>2</sub>-  
 NR<sub>Q</sub><sup>7</sup>R<sub>Q</sub><sup>8</sup> or CO-NR<sub>Q</sub><sup>7</sup>R<sub>Q</sub><sup>8</sup>;

**R<sub>Q</sub><sup>5</sup>:** C<sub>1</sub>-C<sub>4</sub>-alkyl, which is optionally substituted with a substituent from  
 the group consisting of F, Cl, OH, CN, CF<sub>3</sub>, OCF<sub>3</sub>, NH-(C<sub>1</sub>-C<sub>4</sub>-alkyl)  
 and N(C<sub>1</sub>-C<sub>4</sub>-alkyl)<sub>2</sub>;

**R<sub>Q</sub><sup>6</sup>:** each optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, aryl, hetaryl or phenyl;

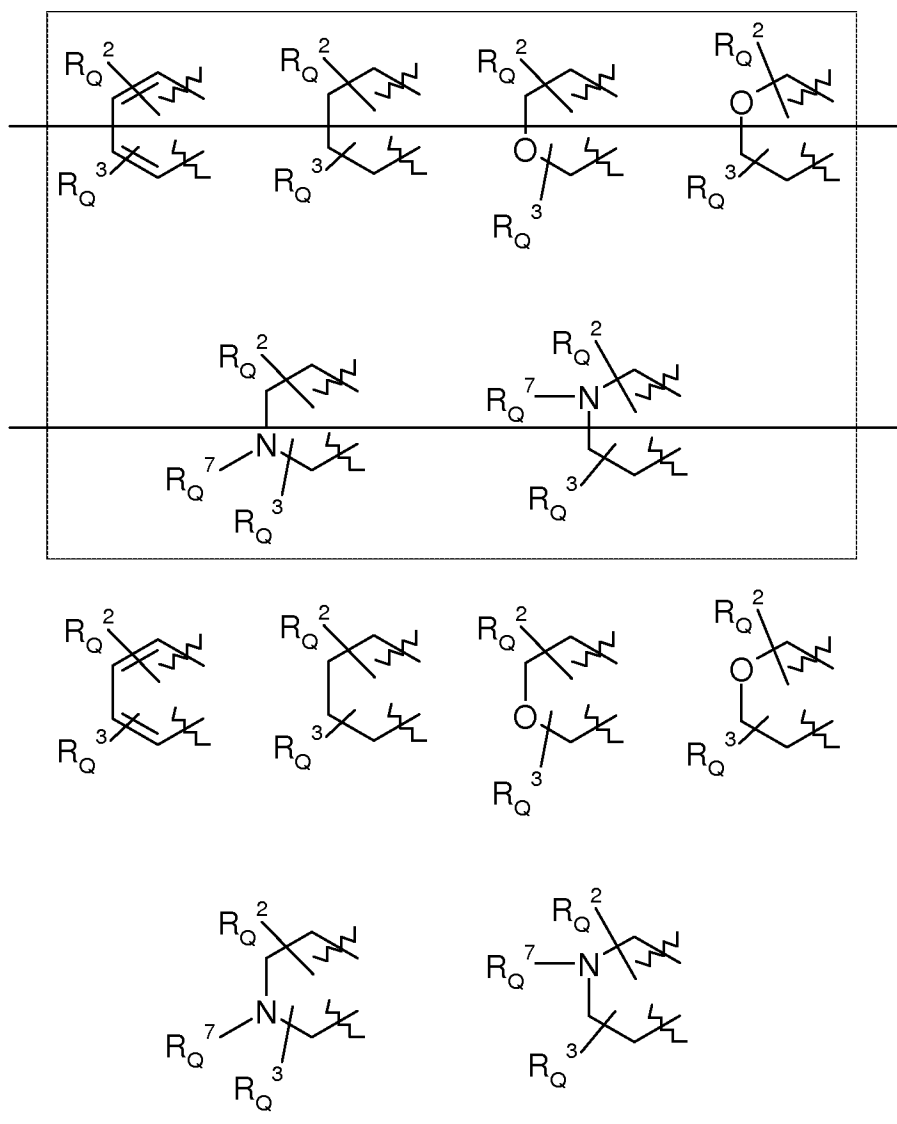
**R<sub>Q</sub><sup>7</sup>:** hydrogen, each optionally substituted C<sub>1</sub>-C<sub>4</sub>-alkyl, allyl, aryl, hetaryl,  
 benzyl, phenethyl or CH<sub>2</sub>-hetaryl;

**R<sub>Q</sub><sup>8</sup>:** hydrogen, each optionally substituted C<sub>1</sub>-C<sub>4</sub>-alkyl, allyl, aryl, hetaryl,  
 benzyl, phenethyl or CH<sub>2</sub>-hetaryl;

or R<sub>Q</sub><sup>7</sup> and R<sub>Q</sub><sup>8</sup> form an optionally substituted 3- or 7-membered saturated or  
 unsaturated ring, which can contain up to two identical or different  
 heteroatoms from the group O and N;

**3[[.]])** benzothiophenyl, benzofuranyl, chinolinyl or isochinolinyl;

**4[[.]])** both moieties **R<sup>4</sup>** and **R<sup>5</sup>** together form one of the following rings:



wherein  $R_Q^2$  and  $R_Q^3$  are defined as under **2**[.]); or together can form an anellated 5- or 6-membered ring;

**5**[.]) adamantyl;

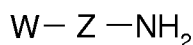
**6**[.]) each optionally substituted azetidine-3-yl, pyrrolidine-2-yl, pyrrolidine-3-yl, piperidine-2-yl, piperidine-3-yl, piperidine-4-yl, tetrahydro-2H-pyran-4-yl, tetrahydrofuran-3-yl, azepan-4-yl, azepan-3-yl, azepan-2-yl, 1,4-diazepane-5-yl, 1,2,3,6-tetrahydropyridine-4-yl, 2,5-dihydro-1H-pyrrol-3-yl.

11. (Currently Amended) ~~Guanidine~~ The compound according to claim 1, wherein one moiety from **R**<sup>4</sup> and **R**<sup>5</sup> is chosen from group 1[[.]], and the other moiety from **R**<sup>4</sup> and **R**<sup>5</sup> is chosen from the group 1[[.]], 2[[.]] or 3[[.]].

12. (Canceled)

13. (Currently Amended) ~~Pharmaceutical~~ A pharmaceutical composition, comprising at least one guanidine compound according to claim 1, as well as a pharmaceutically acceptable carrier or dilution agent.

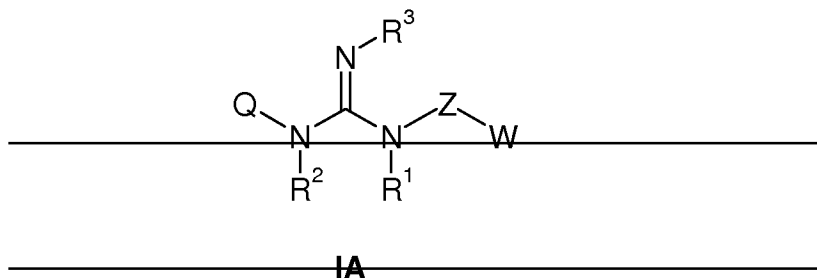
14. (Withdrawn, Currently Amended) A method for the preparation of 5HT5A receptor ligands comprising using a compound of the ~~general~~ formula IVA:



**IVA**

15. (Currently Amended) ~~A~~ The method according to claim 14 wherein the 5HT5A receptor ligand is ~~a~~ the compound according to claim 1.

16. (Withdrawn, Currently Amended) A method of treating a patient having a disease modulated by 5-HT5 receptor activity comprising administering to said patient an effective amount of ~~the compound of claim 1, a guanidine compound of the general formula IA~~

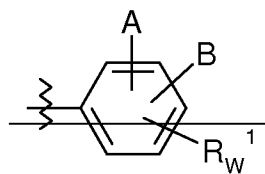


~~of the corresponding enantiomeric, diastereomeric and/or tautomeric forms thereof as well as pharmaceutically acceptable salts thereof~~

~~wherein the given moieties have the following definitions:~~

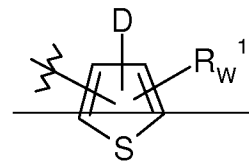
— **W**:

— a moiety of the general formula **W1** or **W2**



**W1**

or



**W2**

— **A**:

$\text{NO}_2$ ,  $\text{NH}_2$ ,  $\text{OH}$ ,  $\text{CN}$ ,  $\text{CF}_3$ ,  $\text{OCF}_3$ ,  $\text{CHF}_2$ ,  $\text{OCHF}_2$ ,  $\text{COOH}$ ,  $\text{O-CH}_2\text{-COOH}$ , halogen,  $\text{SH}$ , or

each optionally substituted  $\text{C}_4\text{-C}_6$ -alkyl,  $\text{C}_2\text{-C}_6$ -alkenyl,  $\text{C}_2\text{-C}_6$ -alkynyl,  $\text{C}_3\text{-C}_7$ -cycloalkyl,  $\text{C}_4\text{-C}_4$ -alkylene- $\text{C}_3\text{-C}_7$ -cycloalkyl or  $\text{C}_4\text{-C}_4$ -alkylene-hetero-cycloalkyl, aryl, hetaryl, heterocycloalkyl,  $\text{C}_4\text{-C}_4$ -alkylene-hetaryl or  $\text{C}_4\text{-C}_4$ -alkylene-aryl, or

$\text{O-R}_A^1$ ,  $\text{CO-R}_A^1$ ,  $\text{S-R}_A^1$ ,  $\text{SO-R}_A^1$ ,  $\text{CO-O-R}_A^1$ ,  $\text{NR}_A^4\text{-CO-O-R}_A^1$ ,  $\text{O-CH}_2\text{-COO-R}_A^1$ ,  $\text{NR}_A^2\text{-R}_A^3$ ,  $\text{CONH}_2$ ,  $\text{SO}_2\text{-NH}_2$ ,  $\text{NR}_A^4\text{-CO-R}_A^1$ ,  $\text{SO}_2\text{-R}_A^1$ ,  $\text{NR}_A^4\text{-SO}_2\text{-R}_A^1$ ,  $\text{SO}_2\text{-NR}_A^2\text{-R}_A^3$  or  $\text{CONR}_A^2\text{-R}_A^3$ ;

**R<sub>A</sub><sup>1</sup>**:

each optionally substituted  $\text{C}_4\text{-C}_6$ -alkyl,  $\text{C}_2\text{-C}_6$ -alkenyl,  $\text{C}_2\text{-C}_6$ -alkynyl,  $\text{C}_3\text{-C}_7$ -cycloalkyl,  $\text{C}_4\text{-C}_4$ -alkylene- $\text{C}_3\text{-C}_7$ -cycloalkyl,  $\text{C}_4\text{-C}_4$ -alkylene-heterocyclo-alkyl, aryl, hetaryl, heterocycloalkyl,  $\text{C}_4\text{-C}_4$ -alkylene-aryl,  $\text{C}_2\text{-C}_6$ -alkenylene-aryl or  $\text{C}_4\text{-C}_6$ -alkylene-hetaryl;

**R<sub>A</sub><sup>2</sup>**:

— hydrogen,  $\text{OH}$ ,  $\text{CN}$ , or

each optionally substituted  $\text{C}_4\text{-C}_6$ -alkyl,  $\text{C}_2\text{-C}_6$ -alkenyl,  $\text{C}_2\text{-C}_6$ -alkynyl,  $\text{C}_4\text{-C}_4$ -alkylene- $\text{C}_3\text{-C}_7$ -cycloalkyl,  $\text{C}_4\text{-C}_4$ -alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl,  $\text{C}_4\text{-C}_4$ -alkylene-aryl,  $\text{C}_4\text{-C}_4$ -alkylene-hetaryl,  $\text{C}_4\text{-C}_6$ -alkylene- $\text{O-C}_4\text{-C}_6$ -alkyl,  $\text{CO-C}_4\text{-C}_6$ -alkyl,  $\text{CO-aryl}$ ,  $\text{CO-hetaryl}$ ,  $\text{CO-C}_4\text{-C}_4$ -alkylene-aryl,  $\text{CO-C}_4\text{-C}_4$ -alkylene-hetaryl,  $\text{CO-O-C}_4\text{-C}_6$ -alkyl,  $\text{CO-O-aryl}$ ,  $\text{CO-O-C}_4\text{-C}_4$ -alkylene-aryl,  $\text{CO-O-hetaryl}$ ,  $\text{CO-O-C}_4\text{-C}_4$ -

~~alkylene-hetaryl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl or SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl;~~

**R<sub>A</sub><sup>3</sup>:**

~~each optionally substituted C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>4</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>4</sub>-C<sub>4</sub>-alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl, C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl, C<sub>4</sub>-C<sub>6</sub>-alkylene-O-C<sub>4</sub>-C<sub>6</sub>-alkyl, CO-C<sub>4</sub>-C<sub>6</sub>-alkyl, CO-aryl, CO-hetaryl, CO-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-O-C<sub>4</sub>-C<sub>6</sub>-alkyl, CO-O-aryl, CO-O-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-O-hetaryl, CO-O-C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl or SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl;~~

~~or the moieties **R<sub>A</sub><sup>2</sup>** and **R<sub>A</sub><sup>3</sup>** form, together with the nitrogen, a 3 to 7-membered, optionally substituted, saturated or aromatic heterocycle, which can contain one, two or three further different or identical heteroatoms from the group O, N, S; wherein optionally two moieties substituted on this heterocycle can together form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms, O, N, S and wherein the so-formed cycle can optionally be substituted or a further, optionally substituted cycle can be condensed onto this cycle;~~

**R<sub>A</sub><sup>4</sup>:**—

~~—hydrogen, or~~

~~each optionally substituted C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>4</sub>-C<sub>6</sub>-alkylene-O-C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>3</sub>-C<sub>42</sub>-alkynyl, CO-C<sub>4</sub>-C<sub>6</sub>-alkyl, CO-O-C<sub>4</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, aryl, C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-O-arylalkyl, CO-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-aryl, SO<sub>2</sub>-aryl, hetaryl, CO-hetaryl or SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl;~~

**B:**

~~hydrogen or as moiety **A** is defined,~~



or each independently of one another two of the moieties **A**, **B** or **R<sub>w</sub><sup>1</sup>** together form a 3 to 7-membered, optionally substituted, saturated or unsaturated carbocycle with an optionally substituted, saturated or unsaturated or aromatic heterocycle which can contain one, two or three further different or identical heteroatoms from the group O, N, S; wherein optionally two moieties substituted on this carbo- or heterocycle can form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S and wherein the cycle formed can optionally be substituted or a further, optionally substituted cycle can be condensed onto this cycle;

**R<sub>w</sub><sup>1</sup>:**

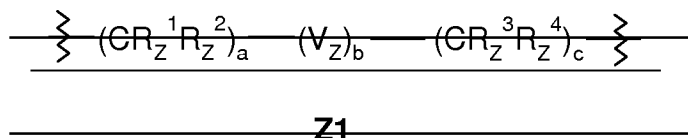
hydrogen, OH, halogen, NO<sub>2</sub>, NH<sub>2</sub>, CN, CF<sub>3</sub>, CHF<sub>2</sub>, O-CF<sub>3</sub>, O-CHF<sub>2</sub>, or each optionally substituted C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>4</sub>-C<sub>6</sub>-alkylene-O-C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>4</sub>-C<sub>6</sub>-alkylene-S-C<sub>4</sub>-C<sub>6</sub>-alkyl, aryl, hetaryl, O-C<sub>4</sub>-C<sub>6</sub>-alkyl, O-aryl, O-benzyl, C<sub>4</sub>-C<sub>6</sub>-alkylamino, C<sub>4</sub>-C<sub>6</sub>-dialkylamino, pyrrolidinyl, piperidinyl, morpholinyl, CO-C<sub>4</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>6</sub>-alkyl, CO-aryl, SO<sub>2</sub>-aryl, CO-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, SO-aryl, CONH<sub>2</sub>, CONH-C<sub>4</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>NH-C<sub>4</sub>-C<sub>6</sub>-alkyl, CON(C<sub>4</sub>-C<sub>6</sub>-alkyl)<sub>2</sub>, SO<sub>2</sub>N(C<sub>4</sub>-C<sub>6</sub>-alkyl)<sub>2</sub>, NH-SO<sub>2</sub>-C<sub>4</sub>-C<sub>6</sub>-alkyl or NH-CO-C<sub>4</sub>-C<sub>6</sub>-alkyl;

**D:**

— as moiety **A** is defined;

**Z:**

a moiety of the general formula **Z1**



— with the indices

— a = 0-4

—  $b = 0, 1$

—  $c = 0-4$

— wherein the sum of  $a$ ,  $b$  and  $c$  is no more than 5;

$R_Z^1, R_Z^2, R_Z^3, R_Z^4$  independently of one another:

hydrogen, halogen, OH, or

each optionally substituted  $C_4-C_6$ -alkyl,  $C_2-C_6$ -alkenyl,  $C_2-C_6$ -alkynyl,  $C_4-C_6$ -alkylene- $C_3-C_7$ -cycloalkyl,  $C_3-C_7$ -cycloalkyl, aryl,  $C_4-C_4$ -alkylene-aryl, hetaryl or  $C_4-C_4$ -alkylene-hetaryl, or

each independently of one another two moieties  $R_Z^1$  and  $R_Z^2$  or  $R_Z^3$  and  $R_Z^4$  together form a 3 to 7-membered, optionally substituted, saturated or unsaturated carbo- or heterocycle, which can contain up to three heteroatoms from the group O, N or S;

$V_Z$ :

~~CO, CO-NR<sub>Z</sub><sup>5</sup>, NR<sub>Z</sub><sup>5</sup>-CO, O, S, SO, SO<sub>2</sub>, SO<sub>2</sub>-NR<sub>Z</sub><sup>5</sup>, NR<sub>Z</sub><sup>5</sup>-SO<sub>2</sub>, CS, CS-NR<sub>Z</sub><sup>5</sup>, NR<sub>Z</sub><sup>5</sup>-CS, CS-O, O-CS, CO-O, O-CO, O, ethynylene, C(=CR<sub>Z</sub><sup>6</sup>R<sub>Z</sub><sup>7</sup>), CR<sub>Z</sub><sup>6</sup>=CR<sub>Z</sub><sup>7</sup>, NR<sub>Z</sub><sup>5</sup>-CO-NR<sub>Z</sub><sup>5\*</sup>, O-CO-NR<sub>Z</sub><sup>5</sup>, NR<sub>Z</sub><sup>5</sup>,~~

$R_Z^5, R_Z^{5*}$  independently of one another:

— hydrogen, or

each optionally substituted  $C_4-C_6$ -alkyl,  $C_4-C_6$ -alkylene-O- $C_4-C_6$ -alkyl,  $C_2-C_6$ -alkenyl,  $C_3-C_{12}$ -alkynyl, CO- $C_4-C_6$ -alkyl, CO-O- $C_4-C_6$ -alkyl, SO<sub>2</sub>- $C_4-C_6$ -alkyl,  $C_3-C_7$ -cycloalkyl, Aryl,  $C_4-C_4$ -alkylene-aryl, CO-O- $C_4-C_4$ -alkylene-aryl, CO- $C_4-C_4$ -alkylene-aryl, CO-aryl, SO<sub>2</sub>-aryl, hetaryl, CO-hetaryl or SO<sub>2</sub>- $C_4-C_4$ -alkylene-aryl;

$R_Z^6, R_Z^7$  independently of one another:

— hydrogen, OH, or

each optionally substituted  $C_4-C_6$ -alkyl,  $C_4-C_4$ -alkoxy,  $C_2-C_6$ -alkenyl,  $C_2-C_6$ -alkynyl,  $C_4-C_6$ -alkylene- $C_3-C_7$ -cycloalkyl,  $C_3-C_7$ -cycloalkyl, aryl,  $C_4-C_4$ -alkylene-aryl, hetaryl or  $C_4-C_4$ -alkylene-hetaryl;

**$R^1, R^2, R^3$**  independently of one another:

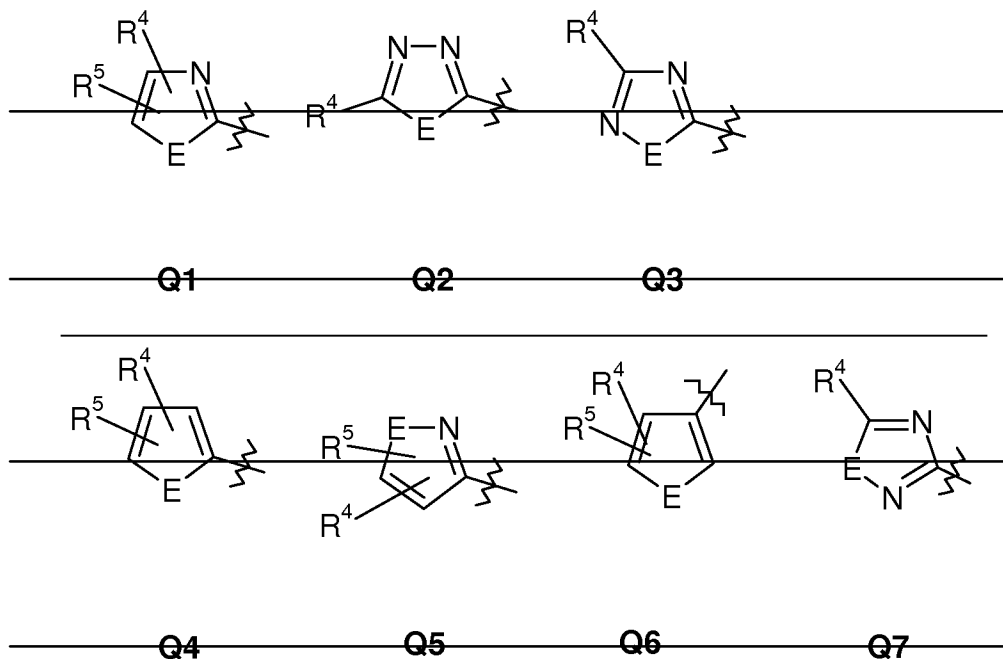
— hydrogen, OH, CN, or

each optionally substituted  $C_4-C_6$ -alkyl,  $O-C_4-C_6$ -alkyl,  $C_4-C_6$ -alkylene- $O-C_4-C_6$ -alkyl,  $C_3-C_7$ -cycloalkyl,  $O-C_3-C_7$ -cycloalkyl, aryl, hetaryl,  $C_4-C_4$ -alkylene-aryl,  $C_4-C_4$ -alkylene-hetaryl,  $O$ -aryl,  $O-C_4-C_4$ -alkylene-aryl,  $O$ -hetaryl,  $O-C_4-C_4$ -alkylene-hetaryl,  $CO-C_4-C_6$ -alkyl,  $CO$ -aryl,  $CO$ -hetaryl,  $CO-C_4-C_4$ -alkylene-aryl,  $CO-C_4-C_4$ -alkylene-hetaryl,  $CO-O-C_4-C_6$ -alkyl,  $CO-O$ -aryl,  $CO-O$ -hetaryl,  $CO-O-C_4-C_4$ -alkylene-aryl,  $SO_2-C_4-C_6$ -alkyl,  $SO_2$ -aryl,  $SO_2$ -hetaryl,  $SO_2-C_4-C_4$ -alkylene-aryl,  $OCO-C_4-C_6$ -alkyl,  $OCO$ -aryl,  $OCO$ -hetaryl,  $OCO-C_4-C_4$ -alkylene-aryl,  $OCO-C_4-C_4$ -alkylene-hetaryl,  $SO_2-C_4-C_6$ -alkyl,  $SO_2$ -aryl,  $SO_2$ -hetaryl or  $SO_2-C_4-C_4$ -alkylene-aryl, or

each independently from the third moiety two moieties of  **$R^1, R^2$**  or  **$R^3$**  together form a 5 to 7-membered, optionally substituted, saturated or unsaturated carbocycle or an optionally substituted, saturated or unsaturated, which can contain one, two or three further different or identical heteroatoms from the group O, N, S, wherein optionally two moieties substituted on this carbo- or heterocycle can together form an annellated, saturated, unsaturated, or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S and wherein the cycle formed can be optionally substituted or a further, optionally substituted cycle can be condensed onto this cycle;

**Q:**

a doubly substituted 5-membered hetaryl moiety, chosen from **Q1** to **Q7**



$E$ : —O,  $N-R_Q^+$  or  $S$ ;

$R_Q^+$ :

hydrogen, or

each optionally substituted  $C_4-C_4$ -alkyl,  $CO-C_4-C_4$ -alkyl,  $SO_2-C_4-C_4$ -alkyl,  $CO-O-C_4-C_4$ -alkyl, aryl,  $C_4-C_4$ -alkylene-aryl,  $CO$ -aryl,  $CO$ -hetaryl,  $SO_2$ -aryl,  $SO_2$ -hetaryl,  $CO-O$ -aryl,  $CO-C_4-C_4$ -alkylene-aryl,  $SO_2-C_4-C_4$ -alkylene-aryl or  $CO-O-C_4-C_4$ -alkylene-aryl;

$R^4$ ,  $R^5$  each independently of one another, a moiety chosen from the groups 1[[]], 2[[]], 3[[]], 4[[]], 5[[]], 6[[]] or 7[[]]:

1[[]] hydrogen, halogen,  $CN$ ,  $CF_3$ ,  $CHF_2$ , or

each optionally substituted  $C_4-C_{10}$ -alkyl,  $C_2-C_{10}$ -alkenyl,  $C_2-C_{10}$ -alkynyl,  $C_3-C_7$ -cycloalkyl,  $C_4-C_6$ -alkylene- $C_3-C_7$ -cycloalkyl,  $C_4-C_4$ -alkylene-aryl,  $C_4-C_4$ -alkylene-hetaryl,  $C_4-C_6$ -alkylene- $O-C_4-C_6$ -alkyl,  $C_4-C_6$ -alkylene- $O$ -aryl,  $COO-C_4-C_4$ -alkyl or  $C_4-C_4$ -alkylene- $COO-C_4-C_4$ -alkyl;

~~2[[.]]~~ phenyl or naphthyl, which are substituted with  $\mathbf{R_Q^2}$ ,  $\mathbf{R_Q^3}$  and  $\mathbf{R_Q^4}$ ;

wherein

$\mathbf{R_Q^2}$ ,  $\mathbf{R_Q^3}$  and  $\mathbf{R_Q^4}$  each independently of one another represent a substituent from the following group:

hydrogen,  $\text{NO}_2$ ,  $\text{NH}_2$ ,  $\text{OH}$ ,  $\text{CN}$ ,  $\text{CF}_3$ ,  $\text{CHF}_2$ ,  $\text{OCF}_3$ ,  $\text{OCHF}_2$ ,  $\text{COOH}$ ,  $\text{O-CH}_2\text{-COOH}$ ,  $\text{SH}$ , halogen, or

each optionally substituted aryl, hetaryl, heterocycloalkyl,  $\text{C}_4\text{-C}_6$ -alkyl,  $\text{C}_2\text{-C}_6$ -alkenyl,  $\text{C}_2\text{-C}_6$ -alkynyl,  $\text{C}_3\text{-C}_7$ -cycloalkyl,  $\text{C}_4\text{-C}_4$ -alkylene- $\text{C}_3\text{-C}_7$ -cycloalkyl,  $\text{C}_4\text{-C}_4$ -alkylene-heterocycloalkyl,  $\text{C}_4\text{-C}_4$ -alkylene-aryl or  $\text{C}_4\text{-C}_4$ -alkylene-hetaryl, or

$\text{O-R_Q^5}$ ,  $\text{S-R_Q^5}$ ,  $\text{NR_Q^7R_Q^8}$ ,  $\text{CO-OR_Q^6}$ ,  $\text{NR_Q^8CO-OR_Q^6}$ ,  $\text{O-CH}_2\text{-COO-R_Q^6}$ ,  $\text{NR_Q^8CO-R_Q^6}$ ,  $\text{SO}_2\text{-R_Q^6}$ ,  $\text{NR_Q^8SO}_2\text{-R_Q^6}$ ,  $\text{SO}_2\text{NH}_2$ ,  $\text{CONH}_2$ ,  $\text{SO}_2\text{-NR_Q^7R_Q^8}$  or  $\text{CO-NR_Q^7R_Q^8}$ ; or

two of the moieties  $\mathbf{R_Q^2}$ ,  $\mathbf{R_Q^3}$  or  $\mathbf{R_Q^4}$  together form a 3 to 7-membered, optionally substituted, saturated, unsaturated carbocycle or an optionally substituted, saturated, unsaturated aromatic heterocycle which can contain up to three further different or identical heteroatoms O, N, S, and optionally two moieties substituted on this heterocycle can form an annellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S, and the cycle formed may optionally be substituted or a further, optionally substituted cycle can be condensed onto this cycle;

$\mathbf{R_Q^5}$ —each optionally substituted  $\text{C}_4\text{-C}_6$ -alkyl,  $\text{C}_2\text{-C}_6$ -alkenyl,  $\text{C}_2\text{-C}_6$ -alkynyl,  $\text{C}_4\text{-C}_4$ -alkylene- $\text{C}_3\text{-C}_7$ -cycloalkyl,  $\text{C}_4\text{-C}_4$ -alkylene-heterocycloalkyl, heterocycloalkyl, aryl or hetaryl;

$\mathbf{R_Q^6}$ —each optionally substituted  $\text{C}_4\text{-C}_6$ -alkyl,  $\text{C}_2\text{-C}_6$ -alkenyl,  $\text{C}_2\text{-C}_6$ -alkynyl,  $\text{C}_3\text{-C}_7$ -cycloalkyl,  $\text{C}_4\text{-C}_4$ -alkylene- $\text{C}_3\text{-C}_7$ -cycloalkyl,  $\text{C}_4\text{-C}_4$ -alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl or  $\text{C}_4\text{-C}_6$ -alkylene- $\text{O-C}_4\text{-C}_6$ -alkyl;

$R_Q^7$  — ~~hydrogen, OH, CN, or~~

~~each optionally substituted C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>4</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>4</sub>-C<sub>4</sub>-alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl, C<sub>4</sub>-C<sub>6</sub>-alkylene-O-C<sub>4</sub>-C<sub>6</sub>-alkyl, CO-C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-aryl, CO-hetaryl, CO-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-O-C<sub>4</sub>-C<sub>6</sub>-alkyl, CO-O-aryl, CO-O-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-O-hetaryl, CO-O-C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl or SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl;~~

$R_Q^8$  — ~~hydrogen or~~

~~each optionally substituted C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>4</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>4</sub>-C<sub>4</sub>-alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl, C<sub>4</sub>-C<sub>6</sub>-alkylene-O-C<sub>4</sub>-C<sub>6</sub>-alkyl, CO-C<sub>4</sub>-C<sub>6</sub>-alkyl, CO-aryl, CO-hetaryl, CO-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-O-C<sub>4</sub>-C<sub>6</sub>-alkyl, CO-O-aryl, CO-O-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-O-hetaryl, CO-O-C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl or SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl;~~

~~or both moieties  $R_Q^7$  and  $R_Q^8$  form, together with the nitrogen, a 3 to 7-membered, optionally substituted, saturated or aromatic heterocycle, which can contain one, two or three different or identical heteroatoms O, N, S; and optionally two moieties substituted on this heterocycle can together form an annellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S, and the cycle formed can be optionally substituted or a further, optionally substituted cycle can be condensed onto this cycle;~~

~~3[[.]] a 5- or 6-membered, hetaryl moiety, optionally substituted with 1 or 2 substituents from the group consisting of:~~

~~2-furyl, 3-furyl, 2-pyrrolyl, 3-pyrrolyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, 2-thiazolyl, 4-thiazolyl, 5-thiazolyl, 2-oxazolyl, 4-oxazolyl, 5-oxazolyl, 2-pyrimidyl, 4-pyrimidyl, 5-pyrimidyl, 6-pyrimidyl, 3-pyrazolyl, 4-pyrazolyl, 5-pyrazolyl, 3-isothiazolyl, 4-isothiazolyl, 5-isothiazolyl, 2-imidazolyl, 4-imidazolyl, 5-imidazolyl, 3-pyridazinyl, 4-pyridazinyl, 5-pyridazinyl, 6-pyridazinyl, 3-isoxazolyl, 4-isoxazolyl, 5-isoxazolyl, thiadiazolyl, oxadiazolyl or triazinyl or their anellated derivatives indazolyl, indolyl, benzothiophenyl, benzofuranyl, indoliny, benzimidazolyl, benzthiazolyl, benzoxazolyl, chinoliny and isochinoliny;~~

~~4[[.]] both moieties  $R^4$  and  $R^5$  together form a 4 to 7-membered, optionally substituted, saturated or unsaturated or aromatic carbocycle or a 5- or 6-membered optionally substituted, saturated or unsaturated or aromatic heterocycle, which can contain up to three further different or identical heteroatoms O, N, S, and which can be substituted with up to two further moieties, wherein optionally two moieties substituted on this carbo- or heterocycle together form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S and wherein the cycle formed can optionally be substituted or a further, optionally substituted cycle can be condensed onto this cycle;~~

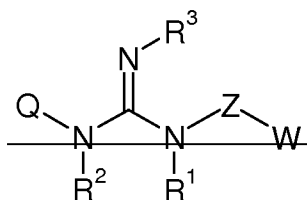
~~5[[.]] a  $C_6$ - $C_{10}$ -bi- or tricyclic, saturated hydrocarbon moiety;~~

~~6[[.]] each optionally substituted  $C_4$ - $C_8$ -alkyl- $NH_2$ ,  $C_4$ - $C_8$ -alkyl- $NR_Q^7 R_Q^8$ ,  $C_4$ - $C_8$ -alkyl- $CO-NR_Q^7 R_Q^8$ ,  $C_4$ - $C_8$ -alkyl- $SO_2-NR_Q^7 R_Q^8$ ,  $C_4$ - $C_8$ -alkyl- $CO-NH_2$ ,  $C_4$ - $C_8$ -alkyl- $SO_2-NH_2$ ,  $CO-NH_2$ ,  $CO-NR_Q^7 R_Q^8$ ,  $SO_2-NH_2$ ,  $SO_2-NR_Q^7 R_Q^8$ ,  $NR_Q^7 R_Q^8$ ;~~

~~7[[.]] a 4-7-membered mono- or bicyclic saturated or unsaturated heterocycle, which can contain up to two different or identical heteroatoms from the group O, N or S, wherein this cycle can also be multiply substituted. For the~~

~~case that the heterocycle contains an N atom, this can be substituted with an  $R_Q$  moiety.~~

17. (Withdrawn, Currently Amended) A method of treating a patient having a disease modulated by 5-HT<sub>5</sub> receptor activity comprising administering to said patient ~~and an~~ effective amount of the compound of claim 2, ~~a guanidine compound of the general formula IA~~



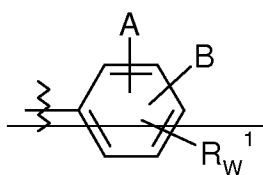
**IA**

~~of the corresponding enantiomeric, diastereomeric and/or tautomeric forms thereof as well as pharmaceutically acceptable salts thereof,~~

~~wherein the given moieties have the following definitions:~~

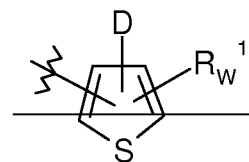
~~\_\_\_\_\_ **W**:~~

~~\_\_\_\_\_ a moiety of the general formula **W1** or **W2**~~



**W1**

~~or~~



**W2**

**A:**

~~NO<sub>2</sub>, NH<sub>2</sub>, OH, CN, CF<sub>3</sub>, OCF<sub>3</sub>, CHF<sub>2</sub>, OCHF<sub>2</sub>, COOH, O-CH<sub>2</sub>-COOH, halogen, SH, or~~



each optionally substituted  $C_4$ - $C_6$ -alkyl,  $C_2$ - $C_6$ -alkenyl,  $C_2$ - $C_6$ -alkynyl,  $C_3$ - $C_7$ -cycloalkyl,  $C_4$ - $C_4$ -alkylene- $C_3$ - $C_7$ -cycloalkyl or  $C_4$ - $C_4$ -alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl,  $C_4$ - $C_4$ -alkylene-hetaryl or  $C_4$ - $C_4$ -alkylene-aryl, or  
 $O-R_A^1$ ,  $CO-R_A^1$ ,  $S-R_A^1$ ,  $SO-R_A^1$ ,  $CO-O-R_A^1$ ,  $NR_A^4-CO-O-R_A^1$ ,  $O-CH_2-COO-R_A^1$ ,  
 $NR_A^2-R_A^3$ ,  $CONH_2$ ,  $SO_2NH_2$ ,  $NR_A^4-CO-R_A^1$ ,  $SO_2-R_A^1$ ,  $NR_A^4-SO_2-R_A^1$ ,  $SO_2-NR_A^2-R_A^3$  or  
 $CO-NR_A^2-R_A^3$ ;

**$R_A^1$ :**

each optionally substituted  $C_4$ - $C_6$ -alkyl,  $C_2$ - $C_6$ -alkenyl,  $C_2$ - $C_6$ -alkynyl,  $C_3$ - $C_7$ -cycloalkyl,  $C_4$ - $C_4$ -alkylene- $C_3$ - $C_7$ -cycloalkyl,  $C_4$ - $C_4$ -alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl,  $C_4$ - $C_4$ -alkylene-aryl,  $C_2$ - $C_6$ -alkenylene-aryl or  $C_4$ - $C_6$ -alkylene-hetaryl;

**$R_A^2$ :**

— hydrogen, OH, CN, or

each optionally substituted  $C_4$ - $C_6$ -alkyl,  $C_2$ - $C_6$ -alkenyl,  $C_2$ - $C_6$ -alkynyl,  $C_4$ - $C_4$ -alkylene- $C_3$ - $C_7$ -cycloalkyl,  $C_4$ - $C_4$ -alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl,  $C_4$ - $C_4$ -alkylene-aryl,  $C_4$ - $C_4$ -alkylene-hetaryl,  $C_4$ - $C_6$ -alkylene- $O$ - $C_4$ - $C_6$ -alkyl,  $CO$ - $C_4$ - $C_6$ -alkyl,  $CO$ -aryl,  $CO$ -hetaryl,  $CO$ - $C_4$ - $C_4$ -alkylene-aryl,  $CO$ - $C_4$ - $C_4$ -alkylene-hetaryl,  $CO$ - $O$ - $C_4$ - $C_6$ -alkyl,  $CO$ - $O$ -aryl,  $CO$ - $O$ - $C_4$ - $C_4$ -alkylene-aryl,  $CO$ - $O$ -hetaryl,  $CO$ - $O$ - $C_4$ - $C_4$ -alkylene-hetaryl,  $SO_2$ - $C_4$ - $C_6$ -alkyl,  $SO_2$ -aryl,  $SO_2$ -hetaryl,  $SO_2$ - $C_4$ - $C_4$ -alkylene-aryl or  $SO_2$ - $C_4$ - $C_4$ -alkylene-hetaryl;

**$R_A^3$ :**

each optionally substituted  $C_4$ - $C_6$ -alkyl,  $C_2$ - $C_6$ -alkenyl,  $C_2$ - $C_6$ -alkynyl,  $C_4$ - $C_4$ -alkylene- $C_3$ - $C_7$ -cycloalkyl,  $C_4$ - $C_4$ -alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl,  $C_4$ - $C_4$ -alkylene-aryl,  $C_4$ - $C_4$ -alkylene-hetaryl,  $C_4$ - $C_6$ -alkylene- $O$ - $C_4$ - $C_6$ -alkyl,  $CO$ - $C_4$ - $C_6$ -alkyl,  $CO$ -aryl,  $CO$ -hetaryl,  $CO$ - $C_4$ - $C_4$ -alkylene-aryl,  $CO$ - $C_4$ - $C_4$ -alkylene-hetaryl,  $CO$ - $O$ - $C_4$ - $C_6$ -alkyl,  $CO$ - $O$ -aryl,  $CO$ - $O$ - $C_4$ - $C_4$ -alkylene-aryl,  $CO$ - $O$ -hetaryl,  $CO$ - $O$ - $C_4$ - $C_4$ -alkylene-hetaryl,  $SO_2$ - $C_4$ - $C_6$ -alkyl,  $SO_2$ -aryl,  $SO_2$ -hetaryl,  $SO_2$ - $C_4$ - $C_4$ -alkylene-aryl or  $SO_2$ - $C_4$ - $C_4$ -alkylene-hetaryl;

or the moieties  $\mathbf{R}_A^2$  and  $\mathbf{R}_A^3$  form, together with the nitrogen, a 3 to 7 membered, optionally substituted, saturated or aromatic heterocycle, which can contain one, two or three further different or identical heteroatoms from the group O, N, S; wherein optionally two moieties substituted on this heterocycle together can form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S, and wherein the so formed cycle can optionally be substituted or a further, optionally substituted cycle can be condensed onto this cycle;

$\mathbf{R}_A^4$ :—

—hydrogen, or

each optionally substituted  $\text{C}_4\text{--C}_6$ -alkyl,  $\text{C}_4\text{--C}_6$ -alkylene-O- $\text{C}_4\text{--C}_6$ -alkyl,  $\text{C}_2\text{--C}_6$ -alkenyl,  $\text{C}_3\text{--C}_{12}$ -alkynyl, CO- $\text{C}_4\text{--C}_6$ -alkyl, CO-O- $\text{C}_4\text{--C}_6$ -alkyl,  $\text{SO}_2\text{--C}_4\text{--C}_6$ -alkyl,  $\text{C}_3\text{--C}_7$ -cycloalkyl, aryl,  $\text{C}_4\text{--C}_4$ -alkylene-aryl, CO-O-arylalkyl, CO- $\text{C}_4\text{--C}_4$ -alkylene-aryl, CO-aryl,  $\text{SO}_2\text{--aryl}$ , hetaryl, CO-hetaryl or  $\text{SO}_2\text{--C}_4\text{--C}_4$ -alkylene-aryl;

**B:**

hydrogen or as moiety **A** is defined;

or each independently from another, two of the moieties **A**, **B** or  $\mathbf{R}_W^1$  together form a 3 to 7 membered, optionally substituted, saturated or unsaturated carbocycle or an optionally substituted, saturated or unsaturated or aromatic heterocycle, which can contain one, two or three further different or identical heteroatoms from the group O, N, S; wherein optionally two moieties substituted on this carbo- or heterocycle can together form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S and wherein the heterocycle formed can optionally be substituted or a further, optionally substituted cycle can be condensed onto this cycle;

$\mathbf{R}_W^1$ :

hydrogen, OH, halogen,  $\text{NO}_2$ ,  $\text{NH}_2$ , CN,  $\text{CF}_3$ ,  $\text{CHF}_2$ , O- $\text{CF}_3$ , O- $\text{CHF}_2$ , or

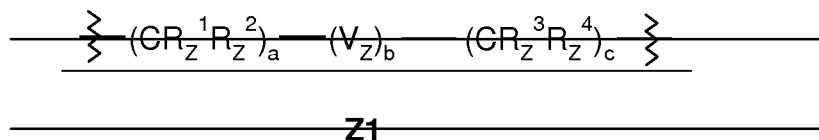
each optionally substituted  $C_4$ - $C_6$ -alkyl,  $C_3$ - $C_7$ -cycloalkyl,  $C_4$ - $C_6$ -alkylene-O- $C_4$ - $C_6$ -alkyl,  $C_4$ - $C_6$ -alkylene-S- $C_4$ - $C_6$ -alkyl, aryl, hetaryl, O- $C_4$ - $C_6$ -alkyl, O-aryl, O-benzyl,  $C_4$ - $C_6$ -alkylamino,  $C_4$ - $C_6$ -dialkylamino, pyrrolidinyl, piperidinyl, morpholinyl, CO- $C_4$ - $C_6$ -alkyl, SO<sub>2</sub>- $C_4$ - $C_6$ -alkyl, CO-aryl, SO<sub>2</sub>-aryl, CO- $C_4$ - $C_4$ -alkylene-aryl, SO<sub>2</sub>- $C_4$ - $C_4$ -alkylene-aryl, SO-aryl, CONH<sub>2</sub>, CONH- $C_4$ - $C_6$ -alkyl, SO<sub>2</sub>NH- $C_4$ - $C_6$ -alkyl, CON( $C_4$ - $C_6$ -alkyl)<sub>2</sub>, SO<sub>2</sub>N( $C_4$ - $C_6$ -alkyl)<sub>2</sub>, NH-SO<sub>2</sub>- $C_4$ - $C_6$ -alkyl or NH-CO- $C_4$ - $C_6$ -alkyl;

**D:**

\_\_\_\_\_ as moiety **A** is defined;

**Z:**

a moiety of the general formula **Z1**



\_\_\_\_\_ with the indices

\_\_\_\_\_  $a = 0-4$

\_\_\_\_\_  $b = 0, 1$

\_\_\_\_\_  $c = 0-4$

\_\_\_\_\_ wherein the sum of a, b and c is no more than 5;

**R<sub>Z</sub><sup>1</sup>, R<sub>Z</sub><sup>2</sup>, R<sub>Z</sub><sup>3</sup>, R<sub>Z</sub><sup>4</sup>** independently of one another:

hydrogen, halogen, OH, or

each optionally substituted  $C_4$ - $C_6$ -alkyl,  $C_2$ - $C_6$ -alkenyl,  $C_2$ - $C_6$ -alkynyl,  $C_4$ - $C_6$ -alkylene- $C_3$ - $C_7$ -cycloalkyl,  $C_3$ - $C_7$ -cycloalkyl, aryl,  $C_4$ - $C_4$ -alkylene-aryl, hetaryl or  $C_4$ - $C_4$ -alkylene-hetaryl, or

each independently of one another, two moieties **R<sub>Z</sub><sup>1</sup>** and **R<sub>Z</sub><sup>2</sup>** or **R<sub>Z</sub><sup>3</sup>** and **R<sub>Z</sub><sup>4</sup>** together form a 3 to 7-membered, optionally substituted, saturated or unsaturated carbo- or

heterocycle, which can contain up to three heteroatoms from the group O, N or S;

$V_z$ :

~~CO, CO-NR<sub>z</sub><sup>5</sup>, NR<sub>z</sub><sup>5</sup>-CO, O, S, SO, SO<sub>2</sub>, SO<sub>2</sub>-NR<sub>z</sub><sup>5</sup>, NR<sub>z</sub><sup>5</sup>-SO<sub>2</sub>, CS, CS-NR<sub>z</sub><sup>5</sup>, NR<sub>z</sub><sup>5</sup>-CS, CS-O, O-CS, CO-O, O-CO, O, ethynylene, C(=CR<sub>z</sub><sup>6</sup>R<sub>z</sub><sup>7</sup>), CR<sub>z</sub><sup>6</sup>=CR<sub>z</sub><sup>7</sup>, NR<sub>z</sub><sup>5</sup>-CO-NR<sub>z</sub><sup>5</sup>, O-CO-NR<sub>z</sub><sup>5</sup>, NR<sub>z</sub><sup>5</sup>;~~

$R_z^5, R_z^{5*}$  independently of one another:

~~hydrogen, or~~

~~each optionally substituted C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>4</sub>-C<sub>6</sub>-alkylene-O-C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>3</sub>-C<sub>12</sub>-alkynyl, CO-C<sub>4</sub>-C<sub>6</sub>-alkyl, CO-O-C<sub>4</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, aryl, C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-O-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-aryl, SO<sub>2</sub>-aryl, hetaryl, CO-hetaryl or SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl;~~

$R_z^6, R_z^7$  independently of one another:

~~hydrogen, OH, or~~

~~each optionally substituted C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>4</sub>-C<sub>4</sub>-alkoxy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>4</sub>-C<sub>6</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, aryl, C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, hetaryl or C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl;~~

$R^1, R^2, R^3$  independently of one another:

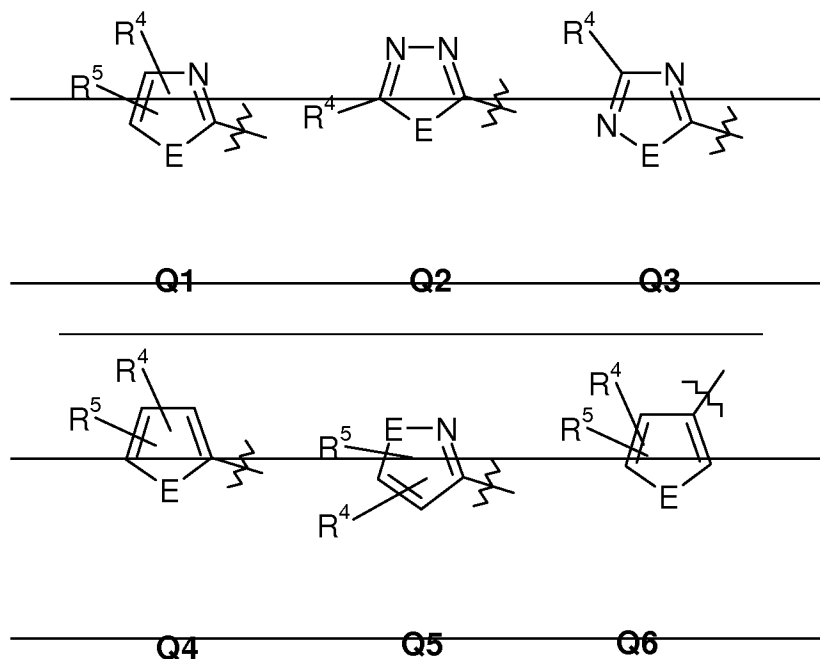
~~hydrogen, OH, CN, or~~

~~each optionally substituted C<sub>4</sub>-C<sub>6</sub>-alkyl, O-C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>4</sub>-C<sub>6</sub>-alkylene-O-C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, O-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, aryl, hetaryl, C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl, O-aryl, O-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, O-hetaryl, O-C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-C<sub>4</sub>-C<sub>6</sub>-alkyl, CO-aryl, CO-hetaryl, CO-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl, CO-O-C<sub>4</sub>-C<sub>6</sub>-alkyl, CO-O-aryl, CO-O-hetaryl, CO-O-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, OCO-C<sub>4</sub>-C<sub>6</sub>-alkyl, OCO-aryl, OCO-hetaryl, OCO-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, OCO-C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl or SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, or~~

~~each independently of the third moiety, two moieties of  $R^1$ ,  $R^2$  or  $R^3$  together form a 5 to 7-membered, optionally substituted, saturated or unsaturated carbocycle, or an optionally substituted, saturated or unsaturated, which can contain one, two or three different or identical heteroatoms from the group O, N, S, wherein optionally two moieties substituted on this carbo- or heterocycle can together form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle may contain up to three different or identical heteroatoms O, N, S and wherein the cycle formed can optionally be substituted or a further, optionally substituted cycle can be condensed onto this cycle;~~

**Q:**

~~a doubly substituted 5-membered hetaryl moiety, chosen from **Q1** to **Q6**~~



**E:** —O, N- $R_Q^+$  or S;

**$R_Q^1$ :**

hydrogen, or

~~each optionally substituted C<sub>4</sub>-C<sub>4</sub>-alkyl, CO-C<sub>4</sub>-C<sub>4</sub>-alkyl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkyl, CO-O-C<sub>4</sub>-C<sub>4</sub>-alkyl, aryl, C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-aryl, CO-hetaryl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, CO-O-aryl, CO-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl or CO-O-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl;~~

~~**R**<sup>4</sup>, **R**<sup>5</sup> each independently of one another a moiety chosen from the groups 1[[.]], 2[[.]], 3[[.]], 4[[.]] or 5[[.]]:~~

~~1[[.]] hydrogen, halogen, CN, CF<sub>3</sub>, CHF<sub>2</sub>, or~~

~~each optionally substituted C<sub>4</sub>-C<sub>40</sub>-alkyl, C<sub>2</sub>-C<sub>40</sub>-alkenyl, C<sub>2</sub>-C<sub>40</sub>-alkynyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>4</sub>-C<sub>6</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl, C<sub>4</sub>-C<sub>6</sub>-alkylene-O-C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>4</sub>-C<sub>6</sub>-alkylene-O-aryl, COO-C<sub>4</sub>-C<sub>4</sub>-alkyl or C<sub>4</sub>-C<sub>4</sub>-alkylene-COO-C<sub>4</sub>-C<sub>4</sub>-alkyl;~~

~~2[[.]] Phenyl or naphthyl, which are each substituted with **R**<sub>Q</sub><sup>2</sup>, **R**<sub>Q</sub><sup>3</sup> and **R**<sub>Q</sub><sup>4</sup>;~~

~~wherein~~

~~**R**<sub>Q</sub><sup>2</sup>, **R**<sub>Q</sub><sup>3</sup> and **R**<sub>Q</sub><sup>4</sup> each independently from one another represent a substituent from the following group:~~

~~hydrogen, NO<sub>2</sub>, NH<sub>2</sub>, OH, CN, CF<sub>3</sub>, CHF<sub>2</sub>, OCF<sub>3</sub>, OCHF<sub>2</sub>, COOH, O-CH<sub>2</sub>-COOH, SH, halogen, or~~

~~each optionally substituted aryl, hetaryl, heterocycloalkyl, C<sub>4</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>4</sub>-C<sub>4</sub>-alkylene-C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, C<sub>4</sub>-C<sub>4</sub>-alkylene-heterocycloalkyl, C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl or C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl, or O-R<sub>Q</sub><sup>5</sup>, S-R<sub>Q</sub><sup>5</sup>, NR<sub>Q</sub><sup>7</sup>R<sub>Q</sub><sup>8</sup>, CO-OR<sub>Q</sub><sup>6</sup>, NR<sub>Q</sub><sup>8</sup>-CO-O-R<sub>Q</sub><sup>6</sup>, O-CH<sub>2</sub>-COO-R<sub>Q</sub><sup>6</sup>; NR<sub>Q</sub><sup>8</sup>-CO-R<sub>Q</sub><sup>6</sup>, SO<sub>2</sub>-R<sub>Q</sub><sup>6</sup>, NR<sub>Q</sub><sup>8</sup>-SO<sub>2</sub>-R<sub>Q</sub><sup>6</sup>, SO<sub>2</sub>NH<sub>2</sub>, CONH<sub>2</sub>, SO<sub>2</sub>-NR<sub>Q</sub><sup>7</sup>R<sub>Q</sub><sup>8</sup> or CO-NR<sub>Q</sub><sup>7</sup>R<sub>Q</sub><sup>8</sup>; or~~

~~two of the moieties **R**<sub>Q</sub><sup>2</sup>, **R**<sub>Q</sub><sup>3</sup> or **R**<sub>Q</sub><sup>4</sup> together form a 3 to 7 membered, optionally substituted, saturated, unsaturated carbocycle or an optionally substituted, saturated, unsaturated aromatic heterocycle, which can contain~~

up to three further different or identical heteroatoms O, N, S, and optionally two moieties substituted on this heterocycle together can form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S, and the cycle formed can optionally be substituted or a further, optionally substituted cycle can be condensed onto this cycle;

$R_Q^5$ —each optionally substituted  $C_4$ - $C_6$ -alkyl,  $C_2$ - $C_6$ -alkenyl,  $C_2$ - $C_6$ -alkynyl,  $C_4$ - $C_4$ -alkylene- $C_3$ - $C_7$ -cycloalkyl,  $C_4$ - $C_4$ -alkylene-heterocycloalkyl, heterocycloalkyl, aryl or hetaryl;

$R_Q^6$ —each optionally substituted  $C_4$ - $C_6$ -alkyl,  $C_2$ - $C_6$ -alkenyl,  $C_2$ - $C_6$ -alkynyl,  $C_3$ - $C_7$ -cycloalkyl,  $C_4$ - $C_4$ -alkylene- $C_3$ - $C_7$ -cycloalkyl,  $C_4$ - $C_4$ -alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl or  $C_4$ - $C_6$ -alkylene-O- $C_4$ - $C_6$ -alkyl;

$R_Q^7$ —hydrogen, OH, CN, or each optionally substituted  $C_4$ - $C_6$ -alkyl,  $C_2$ - $C_6$ -alkenyl,  $C_2$ - $C_6$ -alkynyl,  $C_3$ - $C_7$ -cycloalkyl,  $C_4$ - $C_4$ -alkylene- $C_3$ - $C_7$ -cycloalkyl,  $C_4$ - $C_4$ -alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl,  $C_4$ - $C_6$ -alkylene-O- $C_4$ - $C_6$ -alkyl, CO- $C_4$ - $C_6$ -alkyl,  $C_4$ - $C_4$ -alkylene-aryl,  $C_4$ - $C_4$ -alkylene-hetaryl, CO-aryl, CO-hetaryl, CO- $C_4$ - $C_4$ -alkylene-aryl, CO- $C_4$ - $C_4$ -alkylene-hetaryl, CO-O- $C_4$ - $C_6$ -alkyl, CO-O-aryl, CO-O- $C_4$ - $C_4$ -alkylene-aryl, CO-O-hetaryl, CO-O- $C_4$ - $C_4$ -alkylene-hetaryl, SO<sub>2</sub>- $C_4$ - $C_6$ -alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, SO<sub>2</sub>- $C_4$ - $C_4$ -alkylene-aryl or SO<sub>2</sub>- $C_4$ - $C_4$ -alkylene-hetaryl;

$R_Q^8$ —each optionally substituted  $C_4$ - $C_6$ -alkyl,  $C_2$ - $C_6$ -alkenyl,  $C_2$ - $C_6$ -alkynyl,  $C_3$ - $C_7$ -cycloalkyl,  $C_4$ - $C_4$ -alkylene- $C_3$ - $C_7$ -cycloalkyl,  $C_4$ - $C_4$ -alkylene-heterocycloalkyl, aryl, hetaryl, heterocycloalkyl,  $C_4$ - $C_6$ -alkylene-O- $C_4$ - $C_6$ -alkyl, CO- $C_4$ - $C_6$ -alkyl, CO-aryl, CO-hetaryl, CO- $C_4$ - $C_4$ -alkylene-aryl, CO- $C_4$ - $C_4$ -alkylene-hetaryl, CO-O- $C_4$ - $C_6$ -alkyl, CO-O-aryl, CO-

~~O-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl, CO-O-hetaryl, CO-O-C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>6</sub>-alkyl, SO<sub>2</sub>-aryl, SO<sub>2</sub>-hetaryl, SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-aryl or SO<sub>2</sub>-C<sub>4</sub>-C<sub>4</sub>-alkylene-hetaryl;~~

~~or both moieties **R<sub>Q</sub>**<sup>7</sup> and **R<sub>Q</sub>**<sup>8</sup> form, together with the nitrogen, a 3 to 7-membered, optionally substituted, saturated or aromatic heterocycle, which can contain one, two or three further different or identical heteroatoms O, N, S; and optionally two moieties substituted on this heterocycle can together form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or same heteroatoms O, N, S and the cycle formed can optionally be substituted or a further, optionally substituted cycle can be condensed onto this cycle;~~

~~3[.]) a 5- or 6-membered, hetaryl moiety, optionally substituted with one or two substituents from the group consisting of:~~

~~2-furyl, 3-furyl, 2-pyrrolyl, 3-pyrrolyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, 2-thiazolyl, 4-thiazolyl, 5-thiazolyl, 2-oxazolyl, 4-oxazolyl, 5-oxazolyl, 2-pyrimidyl, 4-pyrimidyl, 5-pyrimidyl, 6-pyrimidyl, 3-pyrazolyl, 4-pyrazolyl, 5-pyrazolyl, 3-isothiazolyl, 4-isothiazolyl, 5-isothiazolyl, 2-imidazolyl, 4-imidazolyl, 5-imidazolyl, 3-pyridazinyl, 4-pyridazinyl, 5-pyridazinyl, 6-pyridazinyl, 3-isoxazolyl, 4-isoxazolyl, 5-isoxazolyl, thiadiazolyl, oxadiazolyl or triazinyl or their anellated derivatives indazolyl, indolyl, benzothiophenyl, benzofuranyl, indolinyl, benzimidazolyl, benzthiazolyl, benzoxazolyl, chinolinyl and isochinolinyl;~~

~~4[.]) both moieties **R**<sup>4</sup> and **R**<sup>5</sup> together form a 4 to 7-membered, optionally substituted, saturated or unsaturated or aromatic carbocycle or a 5- or 6-membered optionally substituted, saturated or unsaturated or aromatic heterocycle, which can contain up to three further different or identical~~



~~heteroatoms O, N, S, and can be substituted with up to two further moieties, wherein optionally two moieties substituted on this carbo- or heterocycle can together form an anellated, saturated, unsaturated or aromatic carbocycle or heterocycle, wherein the heterocycle can contain up to three different or identical heteroatoms O, N, S and wherein the cycle formed can optionally be substituted or a further, optionally substituted cycle can be condensed onto this cycle;~~

~~5[[]]) a C<sub>6</sub>-C<sub>40</sub>-bi- or tricyclic, saturated hydrocarbon moiety[[]]~~

18. (Withdrawn, Currently Amended) ~~A-The~~ method according to claim 16, wherein **R**<sup>4</sup> and/or **R**<sup>5</sup> have the following meanings:

2-pyridyl, 3-pyridyl, 4-pyridyl, 2-thienyl, 3-thienyl, benzothiophenyl, benzofuranyl, chinolinyl or isochinolinyl, which may optionally be substituted with 1 or 2 moieties.

19. (Withdrawn, Currently Amended) ~~A-The~~ method according to claim 16 where the disease is characterized by neuropathological, neuropsychiatric and neurodegenerative disorders, symptoms and dysfunctions.

20. (Withdrawn, Currently Amended) ~~A-The~~ method according to claim 16 where the disease is characterized by ~~migrane~~ migraine and brain damage.

21. (Withdrawn, Currently Amended) ~~A-The~~ method according to claim 18 for the treatment of neuropathological, neuropsychiatric and neurodegenerative diseases, selected from the group consisting of cerebral ischemia, stroke, epilepsy and seizures in general, psychoses, schizophrenia, autism, OCD-syndrome, cognitive diseases, attention disorders, depressions, bipolar- and/or unipolar depressions, states of anxiety, dementia, senile dementia, Alzheimer dementia, demyelinating diseases, multiple sclerosis and brain tumors.

22. (Withdrawn, Currently Amended) ~~A-The~~ method according to claim 16 for the treatment of diseases chosen from the group consisting of cerebral vascular disorders, pain,

disorders due to pain, addiction, disorders due to drugs, amnesia, alcohol abuse, drug abuse, disorders of the circadian rhythm and Cushing syndrome.